



2016 Catalogue

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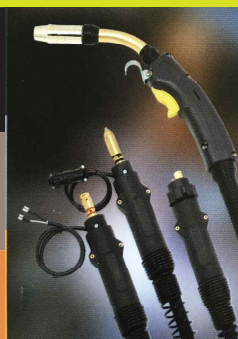
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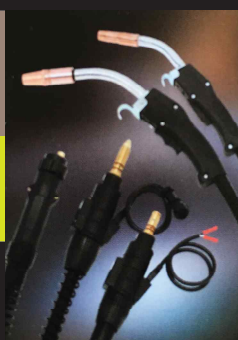
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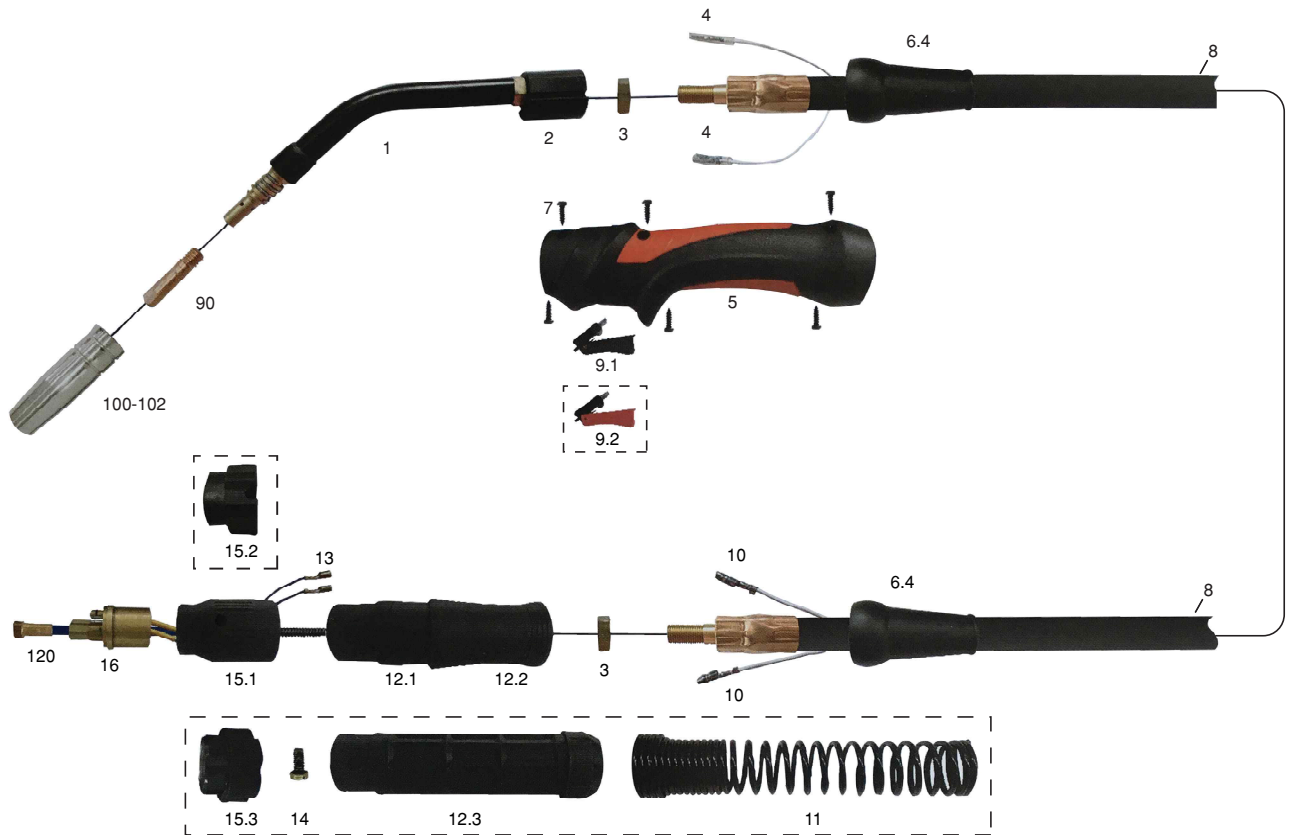
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Type	3.00m long Part	4.00m long Part	5.00m long Part
TM 15 AK	NO.002.0596	NO.002.0597	NO.002.0598



Pos.	Part No.	Description
1	TM002.0009	Swan neck
2	TM400.0044	Torch body,plastic
3	TM001.0009	Hexagon nut M10 x 1
4	TM175.0022	Trigger wire connector
5	TMBZLTY-06-1SR(1BR)	Red Handle
	TMBZLTY-06-1SY(1BY)	Yellow Handle
	TMBZLTY-06-1SG(1BG)	Gray Handle
	TMBZLTY-06-1SB(1BB)	Black Handle
	TMBZLTY-06-1SW(1BW)	White Handle
6.4	TMBZLYN-02-41	Rear Joint
8	TM160.0065	Power cable 3.00m
	TM160.0078	Power cable 4.00m
	TM160.0091	Power cable 5.00m

Pos.	Part No.	Description
9.1	TMBZLYN-02-21BK	Trigger
9.2	TMBZLYN-02-21RD	Trigger
10	TM175.0004	Trigger wire connector male
11	TMEA0342	Spring
12.1	TMBZLYN-04-21G	Back Box
12.2	TMBZLYN-02-31	Rear Box Closing Ring
12.3	TMBW0195	Handle
13	TM175.0003	Trigger wire connector,female
14	TMEA0018	Screw
15.1	TMBZLYN-04-11BK	Rear Box Nut
15.2	TMBZLYN-04-12	Rear Box Nut
15.3	TMBW0020	Rear Box Nut
16	TM501.0003	Central adaptor block with control leads

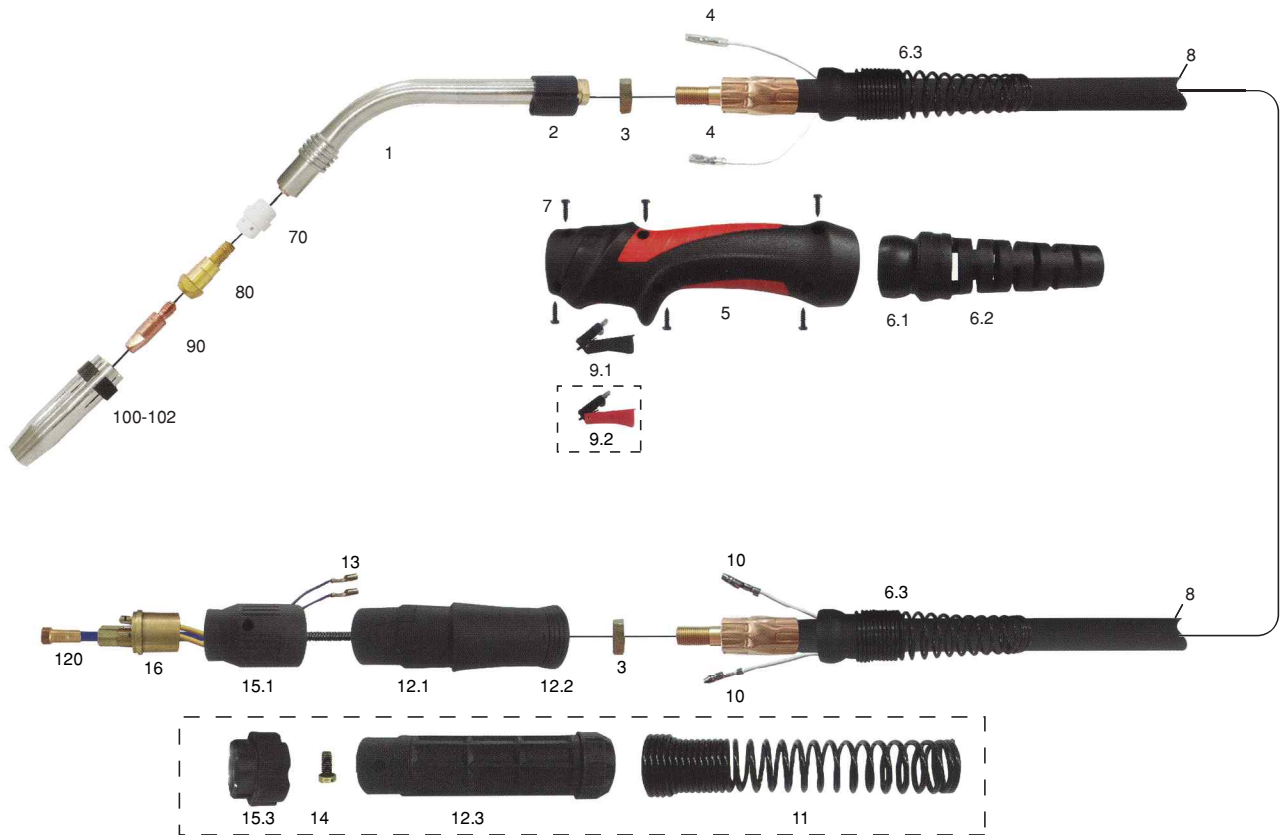


Replacement Parts Suitable For Binzel®

Pos.	Part NO.	Description	Wearing parts
90	TM140.0008	Contact tip M6 E-Cu, $\phi 0.6$	
	TM140.0059	Contact tip M6 E-Cu, $\phi 0.8$	
	TM140.0253	Contact tip M6 E-Cu, $\phi 1.0$	
	TM140.0855	Contact tip M6 CuCrZr, $\phi 0.6$	
	TM140.0062	Contact tip M6 CuCrZr, $\phi 0.8$	
	TM140.0256	Contact tip M6 CuCrZr, $\phi 1.0$	
	TM141.0002	Contact tip M6 E-Cu, $\phi 0.8$ for alu wire	
	TM141.0007	Contact tip M6 E-Cu, $\phi 1.0$ for alu wire	
100	TM145.0041	Gas nozzle, cylindrical ND $\phi 16.0$	
101	TM145.0075	Gas nozzle, conical ND $\phi 12.0$	
102	TM145.0123	Gas nozzle, conical ND $\phi 9.5$	
120	TM124.0011	Guide spiral liner blank 1.5/4.5 blue with nipple for wire $\phi 0.6-0.8$ for 3.00m	
	TM124.0012	for 4.00m	
	TM124.0015	for 5.00m	
	TM124.0026	Guide spiral liner blank 2.0/4.5 red with nipple for wire $\phi 1.0-1.2$ for 3.00m	
	TM124.0031	for 4.00m	
	TM124.0035	for 5.00m	
	TM126.0005	PTFE core liner 1.5/4.0; blue; wire electrode $\phi 0.6-1.0$ for 3.00m	
	TM126.0008	for 4.00m	
	TM126.0011	for 5.00m	
	TM126.0021	PTFE core liner 2.0/4.0; red; wire electrode $\phi 1.0-1.2$ for 3.00m	
	TM126.0026	for 4.00m	
	TM126.0028	for 5.00m	



Type	3.00m long Part	4.00m long Part	5.00m long Part
TM 24 KD	NO.012.0103	NO.012.0104	NO.012.0105



Pos.	Part No.	Description	Pos.	Part No.	Description
1	TM012.0001	Swan neck			
2	TM400.0044	Torch body,plastic	9.1	TMBZLYN-02-21BK	Trigger
3	TM001.0009	Hexagon nut M10 x 1	9.2	TMBZLYN-02-21RD	Trigger
4	TM175.0022	Trigger wire connector	10	TM175.0004	Triger wire connector male
5	TMBZLTY-06-1SR(1BR)	Red Handle	11	TMEA0342	Spring
	TMBZLTY-06-1SY(1BY)	Yellow Handle	12.1	TMBZLYN-04-21G	Back Box
	TMBZLTY-06-1SG(1BG)	Gray Handle	12.2	TMBZLYN-02-31	Rear Box Closing Ring
	TMBZLTY-06-1SB(1BB)	Black Handle	12.3	TMBW0195	Handle
	TMBZLTY-06-1SW(1BW)	White Handle	13	TM175.0003	Trigger wire connector,female
6.1	TMBZLYN-06-2	Ball Joint	14	TMEA0018	Screw
6.2	TMBZLYN-06-3A	Rubber Spring	15.1	TMBZLYN-04-11BK	Rear Box Nut
6.3	TMBZLYN-02-42G	Rear Joint	15.3	TMBW0020	Rear Box Nut
8	TM160.0239	Power cable 3.00m	16	TM501.0003	Central adaptor block with control leads
	TM160.0255	Power cable 4.00m			

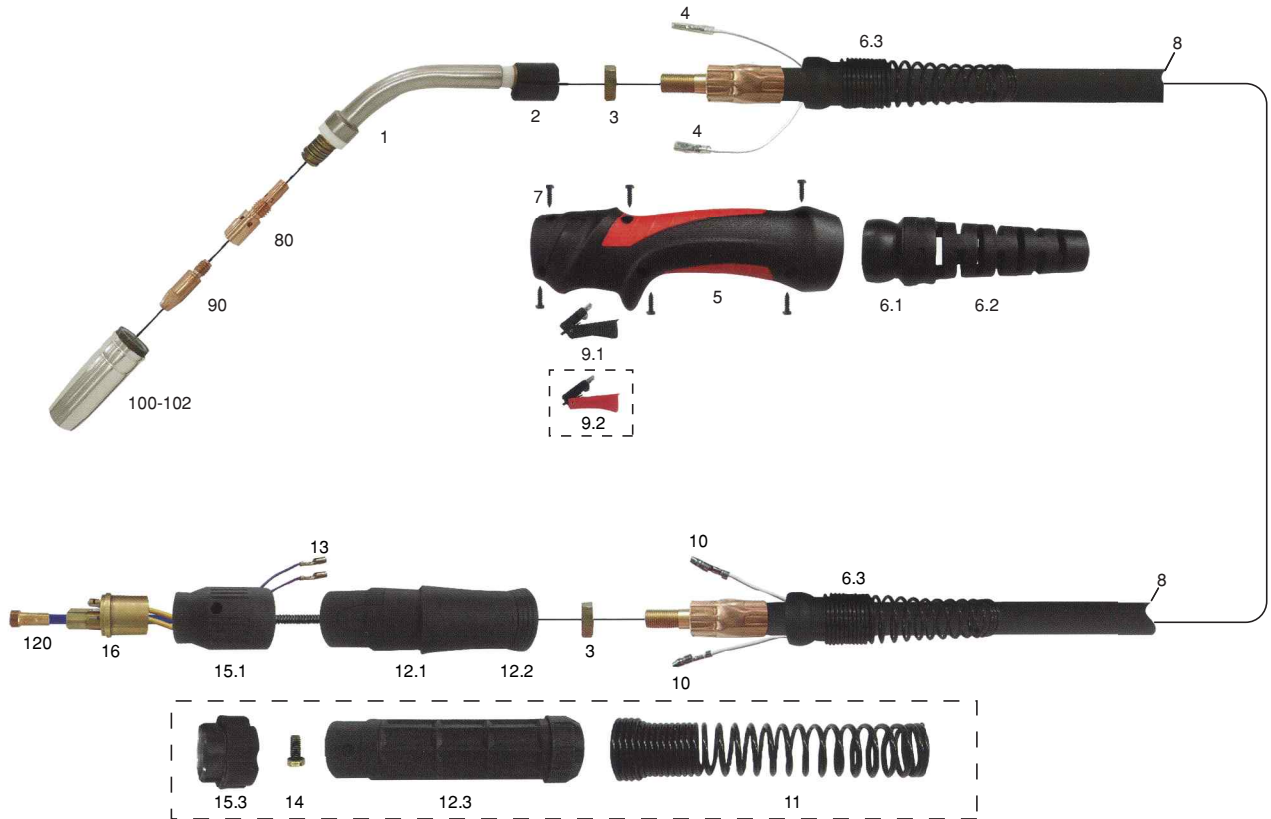


Replacement Parts Suitable For Binzel®

Pos.	Part NO.	Description	Wearing parts
70	TM012.0183	Gas diffusor,white	
	TM012.0017	Gas diffusor,black	
	TM012.0017-A	Gas diffusor,black,long life	
80	TM142.0003	Contact tip holder M6;26.0m	
90	TM140.0051	Contact tip M6 E-Cu,φ0.8	
	TM140.0242	Contact tip M6 E-Cu,φ1.0	
	TM140.0379	Contact tip M6 E-Cu,φ1.2	
	TM140.0054	Contact tip M6 CuCrZr,φ0.8	
	TM140.0245	Contact tip M6 CuCrZr,φ1.0	
	TM140.0382	Contact tip M6 CuCrZr,φ1.2	
	TM141.0001	Contact tip M6 E-Cu,φ0.8 for alu wire	
	TM141.0006	Contact tip M6 E-Cu,φ1.0 for alu wire	
TM141.0010	Contact tip M6 E-Cu,φ1.2 for alu wire		
100	TM145.0047	Gas nozzle,cylindrical; ND φ17.0	
101	TM145.0080	Gas nozzle,conical; ND φ12.5	
102	TM145.0128	Gas nozzle,tapered; ND φ10.0	
120	TM124.0011	Guide spiral liner blank 1.5/4.5 blue with nipple for wire φ0.6-0.8 for 3.00m	
	TM124.0012	for 4.00m	
	TM124.0015	for 5.00m	
	TM124.0026	Guide spiral liner blank 2.0/4.5 red with nipple for wire φ1.0-1.2 for 3.00m	
	TM124.0031	for 4.00m	
	TM124.0035	for 5.00m	
	TM126.0005	PTFE core liner 1.5/4.0; blue; wire electrode φ0.6-1.0 for 3.00m	
	TM126.0008	for 4.00m	
	TM126.0011	for 5.00m	
	TM126.0021	PTFE core liner 2.0/4.0; red; wire electrode φ1.0-1.2 for 3.00m	
	TM126.0026	for 4.00m	
	TM126.0028	for 5.00m	



Type	3.00m long Part	4.00m long Part	5.00m long Part
TM 25 AK	NO.04.0312	NO.04.0313	NO.04.0314



Pos.	Part No.	Description	Pos.	Part No.	Description
1	TM004.0012	Swan neck		TM160.0155	Power cable 5.00m
2	TM400.0044	Torch body,plastic	9.1	TMBZLYN-02-21BK	Trigger
3	TM001.0009	Hexagon nut M10 x 1	9.2	TMBZLYN-02-21RD	Trigger
4	TM175.0022	Trigger wire connector	10	TM175.0004	Triger wire connector male
5	TMBZLTY-06-1SR(1BR)	Red Handle	11	TMEA0342	Spring
	TMBZLTY-06-1SY(1BY)	Yellow Handle	12.1	TMBZLYN-04-21G	Back Box
	TMBZLTY-06-1SG(1BG)	Gray Handle	12.2	TMBZLYN-02-31	Rear Box Closing Ring
	TMBZLTY-06-1SB(1BB)	Black Handle	12.3	TMBW0195	Handle
	TMBZLTY-06-1SW(1BW)	White Handle	13	TM175.0003	Trigger wire connector,female
6.1	TMBZLYN-06-2	Ball Joint	14	TMEA0018	Screw
6.2	TMBZLYN-06-3A	Rubber Spring	15.1	TMBZLYN-04-11BK	Rear Box Nut
6.3	TMBZLYN-02-42G	Rear Joint	15.3	TMBW0020	Rear Box Nut
8	TM160.0128	Power cable 3.00m	16	TM501.0003	Central adaptor block with control leads
	TM160.0142	Power cable 4.00m			

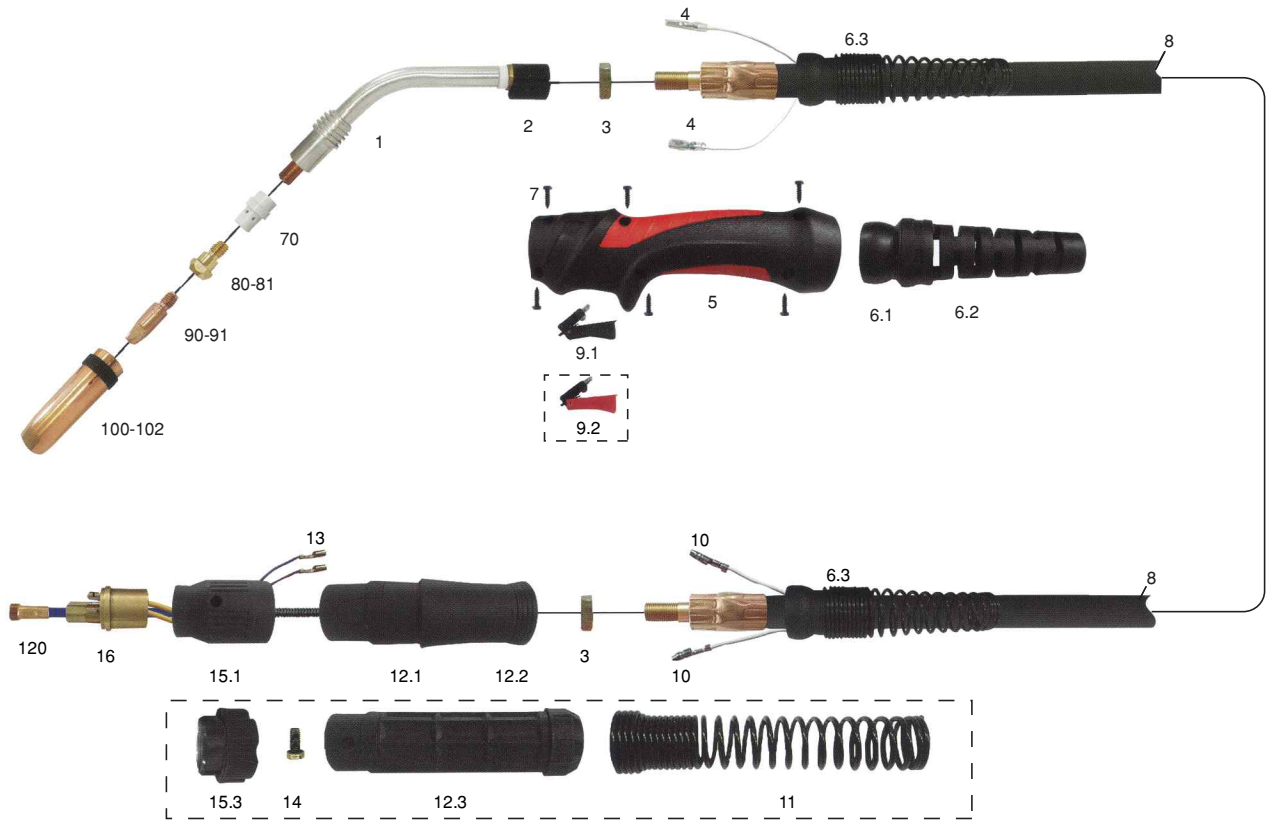


Replacement Parts Suitable For Binzel®

Pos.	Part NO.	Description	Wearing parts
80	TM142.0001	Contact tip holder M6;35.0m	
90	TM140.0001	Contact tip M6 E-Cu,Φ0.8(8 28)	
	TM140.0242	Contact tip M6 E-Cu,Φ1.0(8 28)	
	TM140.0379	Contact tip M6 E-Cu,Φ1.2(8 28)	
	TM140.0054	Contact tip M6 CuCrZr,Φ0.8(8 28)	
	TM140.0245	Contact tip M6 CuCrZr,Φ1.0(8 28)	
	TM140.0382	Contact tip M6 CuCrZr,Φ1.2(8 28)	
	TM141.0001	Contact tip M6 E-Cu,Φ0.8 for alu wire(8 28)	
	TM141.0006	Contact tip M6 E-Cu,Φ1.0 for alu wire(8 28)	
TM141.0010	Contact tip M6 E-Cu,Φ1.2 for alu wire(8 28)		
100	TM145.0042	Gas nozzle,cylindrical; ND Φ18.0	
101	TM145.0076	Gas nozzle,conical; ND Φ15.0	
102	TM145.0124	Gas nozzle,tapered; ND Φ11.5	
120	TM124.0011	Guide spiral liner blank 1.5/4.5 blue with nipple for wire Φ0.6-0.8 for 3.00m	
	TM124.0012	for 4.00m	
	TM124.0015	for 5.00m	
	TM124.0026	Guide spiral liner blank 2.0/4.5 red with nipple for wire Φ1.0-1.2 for 3.00m	
	TM124.0031	for 4.00m	
	TM124.0035	for 5.00m	
	TM126.0005	PTFE core liner 1.5/4.0; blue; wire electrode Φ0.6-1.0 for 3.00m	
	TM126.0008	for 4.00m	
	TM126.0011	for 5.00m	
	TM126.0021	PTFE core liner 2.0/4.0; red; wire electrode Φ1.0-1.2 for 3.00m	
	TM126.0026	for 4.00m	
	TM126.0028	for 5.00m	



Type	3.00m long Part	4.00m long Part	5.00m long Part
TM 26 KD	NO.018.0062	NO.018.0063	NO.018.0064



Pos.	Part No.	Description	Pos.	Part No.	Description
1	TM018.0001	Swan neck		TM160.0267	Power cable 5.00m
2	TM400.0044	Torch body,plastic	9.1	TMBZLYN-02-21BK	Trigger
3	TM001.0009	Hexagon nut M10 x 1	9.2	TMBZLYN-02-21RD	Trigger
4	TM175.0022	Trigger wire connector	10	TM175.0004	Triger wire connector male
5	TMBZLTY-06-1SR(1BR)	Red Handle	11	TMEA0342	Spring
	TMBZLTY-06-1SY(1BY)	Yellow Handle	12.1	TMBZLYN-04-21G	Back Box
	TMBZLTY-06-1SG(1BG)	Gray Handle	12.2	TMBZLYN-02-31	Rear Box Closing Ring
	TMBZLTY-06-1SB(1BB)	Black Handle	12.3	TMBW0195	Handle
	TMBZLTY-06-1SW(1BW)	White Handle	13	TM175.0003	Trigger wire connector,female
6.1	TMBZLYN-06-2	Ball Joint	14	TMEA0018	Screw
6.2	TMBZLYN-06-3A	Rubber Spring	15.1	TMBZLYN-04-11BK	Rear Box Nut
6.3	TMBZLYN-02-42G	Rear Joint	15.3	TMBW0020	Rear Box Nut
8	TM160.0239	Power cable 3.00m	16	TM501.0003	Central adaptor block with control leads
	TM160.0255	Power cable 4.00m			

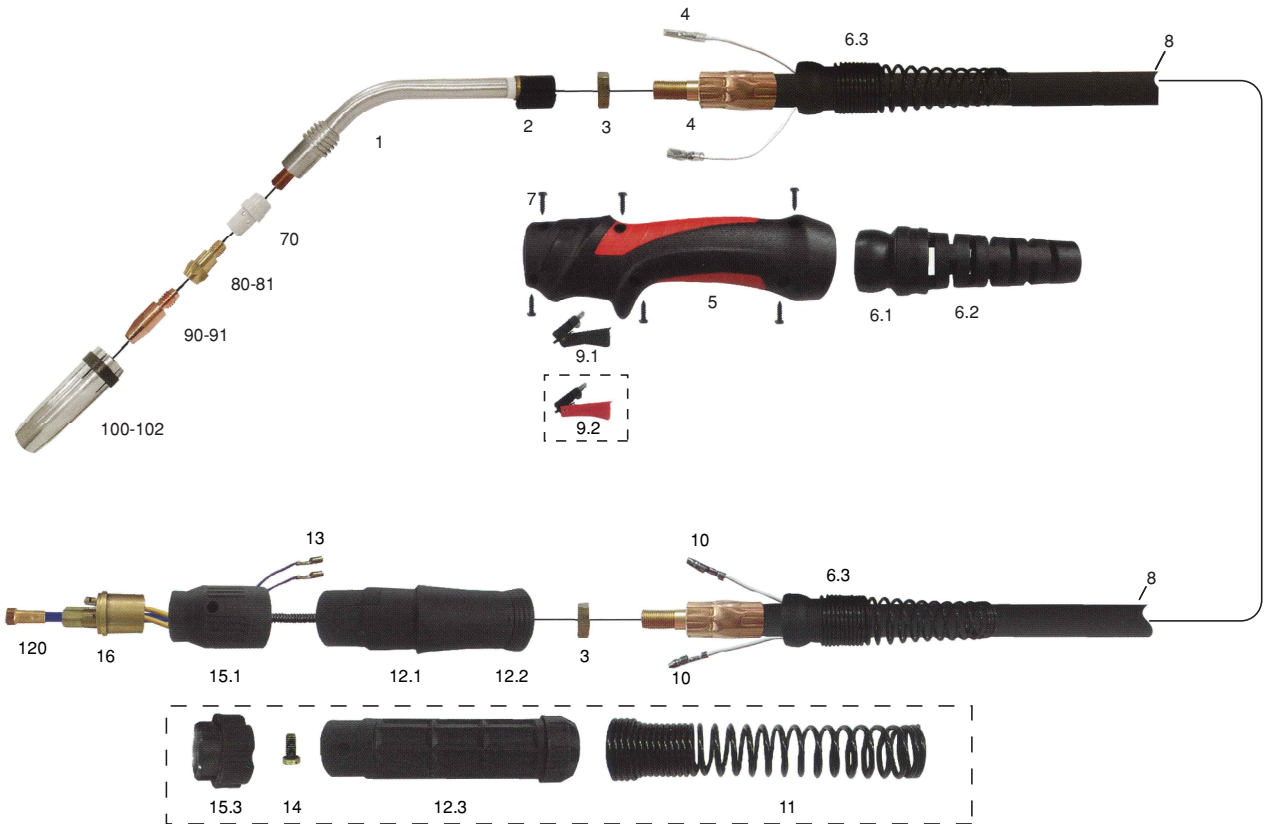


Replacement Parts Suitable For Binzel®

Pos.	Part NO.	Description	Wearing parts
70	TM018.0116	Gas diffusor,white	
	TM018.0004	Gas diffusor,black	
	TM018.0141	Gas diffusor,Ceramic	
80	TM142.0007	Contact tip holder M6;22.0mm(short)	
82	TM142.0082	Contact tip holder M8;22.0mm(short)	
90	TM140.0051	Contact tip M6 E-Cu,φ0.8	
	TM140.0242	Contact tip M6 E-Cu,φ1.0	
	TM140.0379	Contact tip M6 E-Cu,φ1.2	
	TM140.0054	Contact tip M6 CuCrZr,φ0.8	
	TM140.0245	Contact tip M6 CuCrZr,φ1.0	
	TM140.0382	Contact tip M6 CuCrZr,φ1.2	
	TM141.0001	Contact tip M6 E-Cu,φ0.8 for alu wire	
	TM141.0006	Contact tip M6 E-Cu,φ1.0 for alu wire	
TM141.0010	Contact tip M6 E-Cu,φ1.2 for alu wire		
91	TM140.0114	Contact tip M8 E-Cu,φ0.8	
	TM140.0313	Contact tip M8 E-Cu,φ1.0	
	TM140.0442	Contact tip M8 E-Cu,φ1.2	
	TM140.0117	Contact tip M8 CuCrZr,φ0.8	
	TM140.0316	Contact tip M8 CuCrZr,φ1.0	
	TM140.0445	Contact tip M8 CuCrZr,φ1.2	
	TM141.0003	Contact tip M8 E-Cu,φ0.8 for alu wire	
	TM141.0008	Contact tip M8 E-Cu,φ1.0 for alu wire	
TM141.0015	Contact tip M8 E-Cu,φ1.2 for alu wire		
100	TM145.0051	Gas nozzle,cylindrical; ND φ20.0	
101	TM145.0085	Gas nozzle,conical; ND φ16.0	
102	TM145.0132	Gas nozzle,tapered; ND φ14.0	
120	TM124.0011	Guide spiral liner blank 1.5/4.5 blue with nipple for wire φ0.6-0.8 for 3.00m	
	TM124.0012	for 4.00m	
	TM124.0015	for 5.00m	
	TM124.0026	Guide spiral liner blank 2.0/4.5 red with nipple for wire φ1.0-1.2 for 3.00m	
	TM124.0031	for 4.00m	
	TM124.0035	for 5.00m	
	TM126.0005	PTFE core liner 1.5/4.0; blue; wire electrode φ0.6-1.0 for 3.00m	
	TM126.0008	for 4.00m	
	TM126.0011	for 5.00m	
	TM126.0021	PTFE core liner 2.0/4.0; red; wire electrode φ1.0-1.2 for 3.00m	
	TM126.0026	for 4.00m	
	TM126.0028	for 5.00m	






Type	3.00m long Part	4.00m long Part	5.00m long Part
TM 36 KD	NO.014.0143	NO.014.0144	NO.014.0145



Pos.	Part No.	Description	Pos.	Part No.	Description
1	TM014.0006	Swan neck		TM160.0391	Power cable 5.00m
2	TM400.0044	Torch body,plastic	9.1	TMBZLYN-02-21BK	Trigger
3	TM001.0009	Hexagon nut M10 x 1	9.2	TMBZLYN-02-21RD	Trigger
4	TM175.0022	Trigger wire connector	10	TM175.0004	Triger wire connector male
5	TMBZLTY-06-1SR(1BR)	Red Handle	11	TMEA0342	Spring
	TMBZLTY-06-1SY(1BY)	Yellow Handle	12.1	TMBZLYN-04-21G	Back Box
	TMBZLTY-06-1SG(1BG)	Gray Handle	12.2	TMBZLYN-02-31	Rear Box Closing Ring
	TMBZLTY-06-1SB(1BB)	Black Handle	12.3	TMBW0195	Handle
	TMBZLTY-06-1SW(1BW)	White Handle	13	TM175.0003	Trigger wire connector,female
6.1	TMBZLYN-06-2	Ball Joint	14	TMEA0018	Screw
6.2	TMBZLYN-06-3A	Rubber Spring	15.1	TMBZLYN-04-11BK	Rear Box Nut
6.3	TMBZLYN-02-42G	Rear Joint	15.3	TMBW0020	Rear Box Nut
8	TM160.0364	Power cable 3.00m	16	TM501.0003	Central adaptor block with control leads
	TM160.0379	Power cable 4.00m			

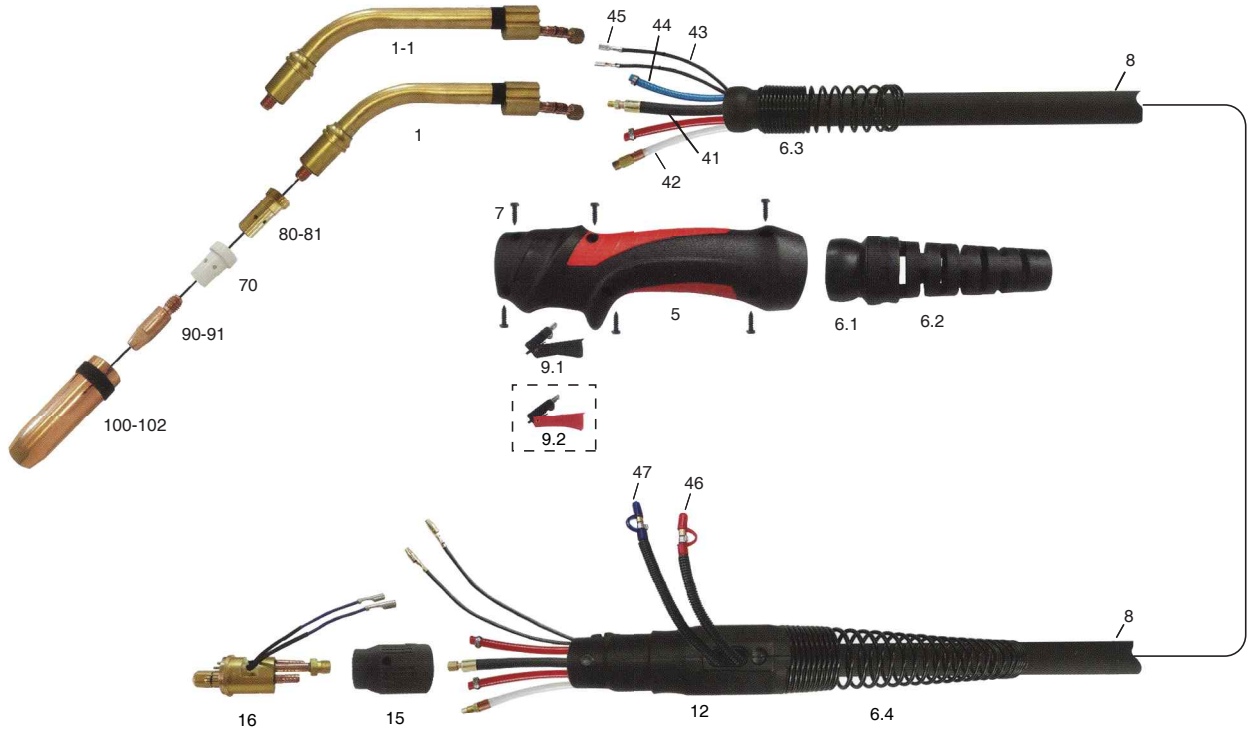


Replacement Parts Suitable For Binzel®

Pos.	Part NO.	Description	Wearing parts
70	TM014.0261 TM014.0021 TM014.0026 TM014.0023	Gas diffusor,white Gas diffusor,black Gas diffusor,long life Gas diffusor,Ceramic	
80	TM142.0005	Contact tip holder M6,28.0mm(short)	
82	TM142.0020	Contact tip holder M8,28.0mm(short)	
90	TM140.0051 TM140.0242 TM140.0379 TM140.0054 TM140.0245 TM140.0382 TM141.0001 TM141.0006 TM141.0010	Contact tip M6 E-Cu,φ0.8 Contact tip M6 E-Cu,φ1.0 Contact tip M6 E-Cu,φ1.2 Contact tip M6 CuCrZr,φ0.8 Contact tip M6 CuCrZr,φ1.0 Contact tip M6 CuCrZr,φ1.2 Contact tip M6 E-Cu,φ0.8 for alu wire Contact tip M6 E-Cu,φ1.0 for alu wire Contact tip M6 E-Cu,φ1.2 for alu wire	
91	TM140.0114 TM140.0313 TM140.0442 TM140.0117 TM140.0316 TM140.0445 TM141.0003 TM141.0008 TM141.0015	Contact tip M8 E-Cu,φ0.8 Contact tip M8 E-Cu,φ1.0 Contact tip M8 E-Cu,φ1.2 Contact tip M8 CuCrZr,φ0.8 Contact tip M8 CuCrZr,φ1.0 Contact tip M8 CuCrZr,φ1.2 Contact tip M8 E-Cu,φ0.8 for alu wire Contact tip M8 E-Cu,φ1.0 for alu wire Contact tip M8 E-Cu,φ1.2 for alu wire	
100	TM145.0045	Gas nozzle,cylindrical; ND φ19.0	
101	TM145.0078	Gas nozzle,conical; ND φ16.0	
102	TM145.0126	Gas nozzle,conical; ND φ12.0	
120	TM124.0011 TM124.0012 TM124.0015 TM124.0026 TM124.0031 TM124.0035 TM126.0005 TM126.0008 TM126.0011 TM126.0021 TM126.0026 TM126.0028	Guide spiral liner blank 1.5/4.5 blue with nipple for wire φ0.6-0.8 for 3.00m for 4.00m for 5.00m Guide spiral liner blank 2.0/4.5 red with nipple for wire φ1.0-1.2 for 3.00m for 4.00m for 5.00m PTFE core liner 1.5/4.0; blue; wire electrode φ0.6-1.0 for 3.00m for 4.00m for 5.00m PTFE core liner 2.0/4.0; red; wire electrode φ1.0-1.2 for 3.00m for 4.00m for 5.00m	



Type	3.00m long Part	4.00m long Part	5.00m long Part
TM 401 D	NO.033.0107	NO.033.0108	NO.033.0109
TM 501 D	NO.034.0160	NO.034.0161	NO.034.0162



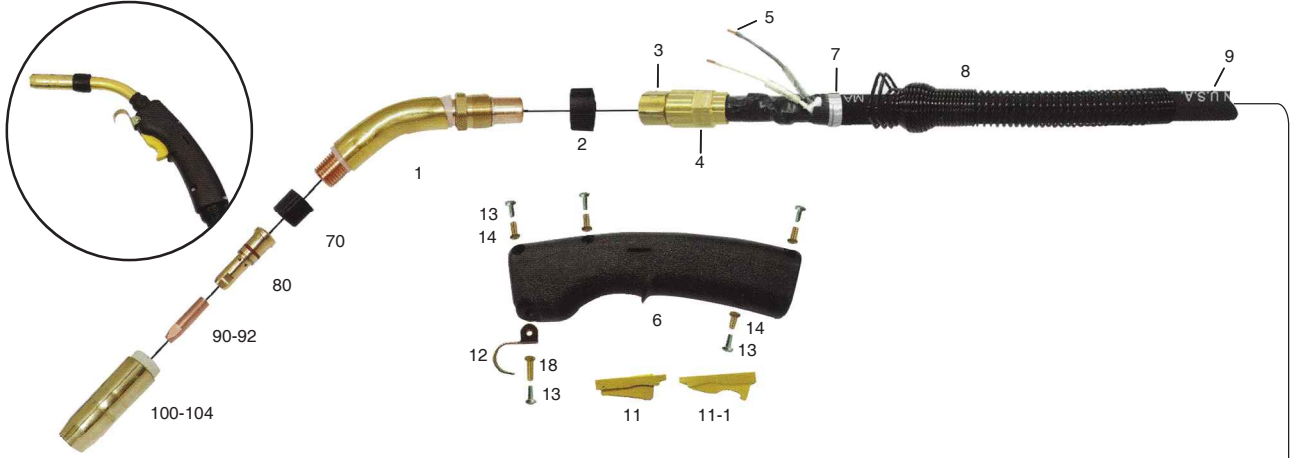
Pos.	Part No.	Description
1	TM033.0001	Swan neck TM401D,50°bent
1.1	TM034.0001	Swan neck TM501D,50°bent
5	TMBZLTY-06-1SR(1BR)	Red Handle
	TMBZLTY-06-1SY(1BY)	Yellow Handle
	TMBZLTY-06-1SG(1BG)	Gray Handle
	TMBZLTY-06-1SB(1BB)	Black Handle
	TMBZLTY-06-1SW(1BW)	White Handle
6.1	TMBZLYN-06-2	Ball Joint
6.2	TMBZLYN-06-3B	Rubber Spring
6.3	TMBZLYN-02-42W	Rear Joint With Spring
6.4	TM855151ZG6-016	Spring
8	TM022.0034	Cable assembly without adaptor block
	TM022.0038	Cable assembly without adaptor block
	TM022.0041	Cable assembly without adaptor block
9.1	TMBZLYN-02-21BK	Trigger

Pos.	Part No.	Description
9.2	TMBZLYN-02-21RD	Trigger
12	TM855151ZG6-010	Rear Box For Water Cool/Torch
15	TMBZLYN-04-11BK	Rear Box Nut For Water CoolTorch
16	TMB5098	Uuro Central Adaptor
41	TM115.0065-3m	Power Cable
	TM115.0065-4m	Power Cable
	TM115.0065-5m	Power Cable
42	TM155.0008-3m	Wire conduit,blue(wire ϕ 2.0 onwards)
	TM155.0008-4m	Wire conduit,blue(wire ϕ 2.0 onwards)
	TM155.0008-5m	Wire conduit,blue(wire ϕ 2.0 onwards)
43	TM100.0019	Control Cable 2 pol
44	TM109.0040	Hose 30 black ϕ 4.9x1.5
45	TM175.022	Trigger wire connector
46	TMBZLYN-04-321RD	Plastic support
47	TMBZLYN-04-321BU	Plastic support

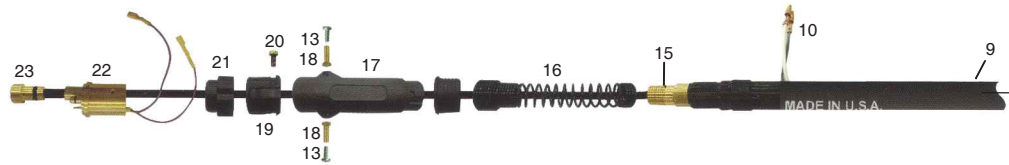


Replacement Parts Suitable For Binzel®

Pos.	Part NO.	Description	Wearing parts
70	TM030.0145	Gas diffusor,white	
	TM030.0190	Gas diffusor,ceramic	
	TM030.0037	Gas diffusor,long life	
	TM030.0029	Gas diffusor,black	
80	TM142.0008	Contact tip holder M6,25.0mm(short)	
82	TM142.0022	Contact tip holder M8,25.0mm(short)	
90	TM140.0051	Contact tip M6 E-Cu,φ0.8(8x28)	
	TM140.0242	Contact tip M6 E-Cu,φ1.0(8x28)	
	TM140.0379	Contact tip M6 E-Cu,φ1.2(8x28)	
	TM140.0555	Contact tip M6 E-Cu,φ1.6(8x28)	
	TM140.0054	Contact tip M6 CuCrZr,φ0.8(8x28)	
	TM140.0245	Contact tip M6 CuCrZr,φ1.0(8x28)	
	TM140.0382	Contact tip M6 CuCrZr,φ1.2(8x28)	
	TM140.0558	Contact tip M6 CuCrZr,φ1.6(8x28)	
	TM141.0001	Contact tip M6 E-Cu,φ0.8 for alu wire(8x28)	
	TM141.0006	Contact tip M6 E-Cu,φ1.0 for alu wire(8x28)	
	TM141.0010	Contact tip M6 E-Cu,φ1.2 for alu wire(8x28)	
	TM141.0020	Contact tip M6 E-Cu,φ1.6 for alu wire(8x28)	
91	TM140.0114	Contact tip M8 E-Cu,φ0.8(10x30)	
	TM140.0313	Contact tip M8 E-Cu,φ1.0(10x30)	
	TM140.0442	Contact tip M8 E-Cu,φ1.2(10x30)	
	TM140.0587	Contact tip M8 E-Cu,φ1.6(10x30)	
	TM140.0117	Contact tip M8 CuCrZr,φ0.8(10x30)	
	TM140.0316	Contact tip M8 CuCrZr,φ1.0(10x30)	
	TM140.0445	Contact tip M8 CuCrZr,φ1.2(10x30)	
	TM140.0590	Contact tip M8 CuCrZr,φ1.6(10x30)	
	TM141.0003	Contact tip M8 E-Cu,φ0.8 for alu wire(10x30)	
	TM141.0008	Contact tip M8 E-Cu,φ1.0 for alu wire(10x30)	
	TM141.0015	Contact tip M8 E-Cu,φ1.2 for alu wire(10x30)	
	TM141.0022	Contact tip M8 E-Cu,φ1.6 for alu wire(10x30)	
100	TM145.0051	Gas nozzle,cylindrical; ND φ19.0	
101	TM145.0085	Gas nozzle,conical; ND φ16.0	
102	TM145.0132	Gas nozzle,tapered; ND φ14.0	
120	TM122.0005	Guide spiral liner blank; 1.5/4.0; for wire φ0.8; for 3.00m	
	TM122.0007	Guide spiral liner blank; 1.5/4.0; for wire φ0.8; for 4.00m	
	TM122.0009	Guide spiral liner blank; 1.5/4.0; for wire φ0.8; for 5.00m	
	TM122.0031	Guide spiral liner blank; 2.0/4.5; for wire φ1.0-1.2; for 3.00m	
	TM122.0036	Guide spiral liner blank; 2.0/4.5; for wire φ1.0-1.2; for 4.00m	
	TM122.0039	Guide spiral liner blank; 2.0/4.5; for wire φ1.0-1.2; for 5.00m	
	TM122.0056	Guide spiral liner blank; 2.5/4.5; for wire φ1.6; for 3.00m	
	TM122.0060	Guide spiral liner blank; 2.5/4.5; for wire φ1.6; for 4.00m	
	TM122.0063	Guide spiral liner blank; 2.5/4.5; for wire φ1.6; for 5.00m	
	TM126.0021	PTFE core liner 2.0/4.0; red; wire electrode φ1.0-1.2 for 3.00m	
	TM126.0026	PTFE core liner 2.0/4.0; red; wire electrode φ1.0-1.2 for 4.00m	
	TM126.0028	PTFE core liner 2.0/4.0; red; wire electrode φ1.0-1.2 for 5.00m	
TM126.0039	PTFE core liner 2.7/4.7; yellow; wire electrode φ1.6 for 3.00m		
TM126.0042	PTFE core liner 2.7/4.7; yellow; wire electrode φ1.6 for 4.00m		
TM126.0045	PTFE core liner 2.7/4.7; yellow; wire electrode φ1.6 for 5.00m		



European terminal : B0-Euro



American terminal : B1-Tweco[®]



American terminal : B2-Miller[®]






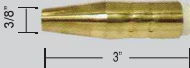





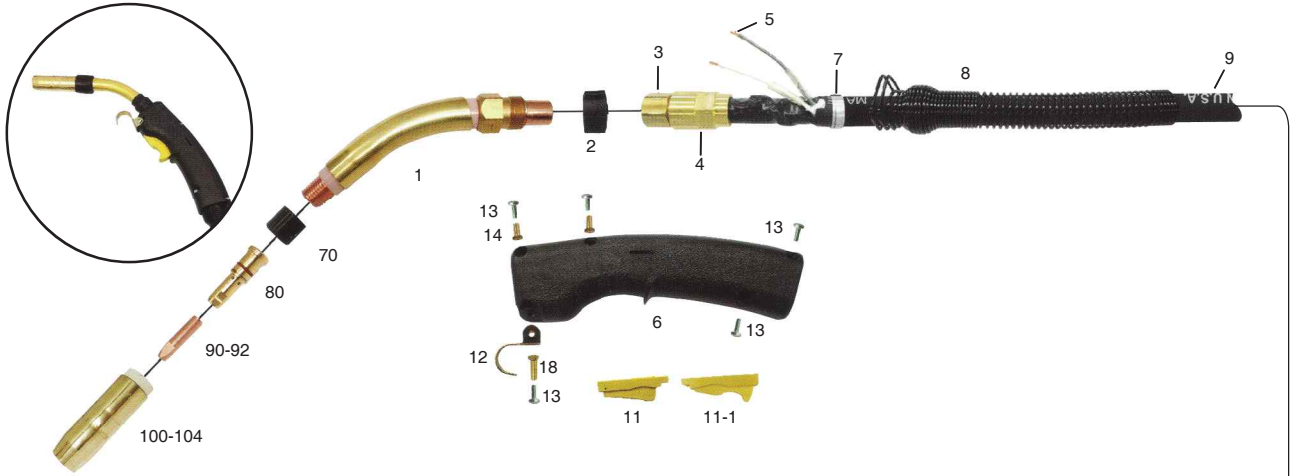
Pos.	Part No.	Description
1	TMB4786	Swan neck
2	TM1840057	Insulator for hexagonal nut
3	TM4213B	End fitting
4	TMR4305	Cone nut
5	TM175.0022	Trigger Terminal
6	TM1880155A	Handle
7	TM21.0-706R	Clamp
8	TM2520042	Spring
9	TMB-200	Cable assembly
10	TM175.0004	Trigger connection male
11	TM5662A	Trigger switch
11-1	TM5662	Trigger switch
12	TM4238	Hanger
13	TM4209	Screw
14	TM4207	Nut
15	TMBND200A-05-1-A	Cable connector

Pos.	Part No.	Description
16	TM2520041-S	Spring
17	TM2520073-1	Housing
18	TM4207L	Nut
19	TM2520073-2	Bushing(USA)
	TM2520073-2-A	Bushing(EURO)
20	TMEA0018	Screw
21	TMBW0020	Machine Nut
22	TM5060	Euro-Quick connector assembly
23	TM43 SERIES	Liners(B0 B2)
	TM431 SERIES	Liners(B1)
A	TMAK354-B	Terminal
B	TMBND200USA-05-3	Connector for Tweco [®]
C	TMMSAK354-B	Terminal
D	TMR174-MN	Nipple for Miller [®] connection
E	TMBND400USA-05-2	Connector for Miller [®]



Replacement Parts Suitable For Bernard[®]

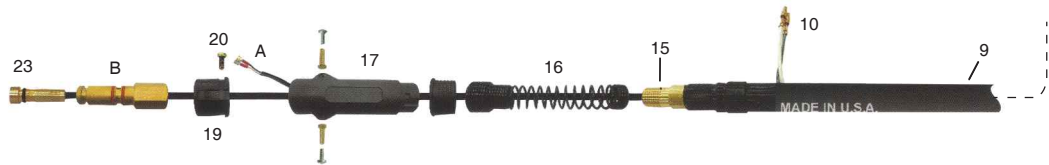
Pos.	Part NO.	Description	Wearing parts
70	TM4323R	Insulator	
80	TM4235 TM4235-116 TM4335	Gas diffuser Gas diffuser Gas diffuser	
90	TM1597 TM1588 TM1589 TM1596 TM1590 TM1598 TM1591	Contact tip ,.023" Contact tip ,.030" Contact tip ,.035" Contact tip ,.039" Contact tip ,.045" Contact tip ,.052" Contact tip ,.1/16"	
91	TM4284 TM4285 TM4281 TM4299 TM4282 TM4283 TM4280	Contact tip tapered,.023" Contact tip tapered,.030" Contact tip tapered,.035" Contact tip tapered,.039" Contact tip tapered,.045" Contact tip tapered,.052" Contact tip tapered,.1/16"	
92	TM7497 TM7488 TM7489 TM7496 TM7490 TM7498 TM7491	Contact tip ,.023" Contact tip ,.030" Contact tip ,.035" Contact tip ,.039" Contact tip ,.045" Contact tip ,.052" Contact tip ,.1/16"	
100	TM4295	Brass nozzle 3/8"	
101	TM4391	Brass nozzle 5/8"	
102	TM4392	Brass nozzle 1/2"	
103	TM4393	Copper nozzle 5/8"	
104	TM4394	Copper nozzle 1/2"	



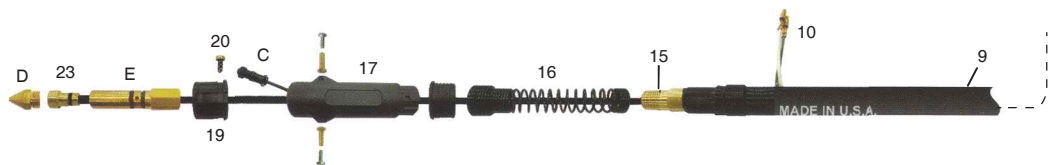
European terminal : B0-Euro



American terminal : B1-Tweco[®]



American terminal : B2-Miller[®]














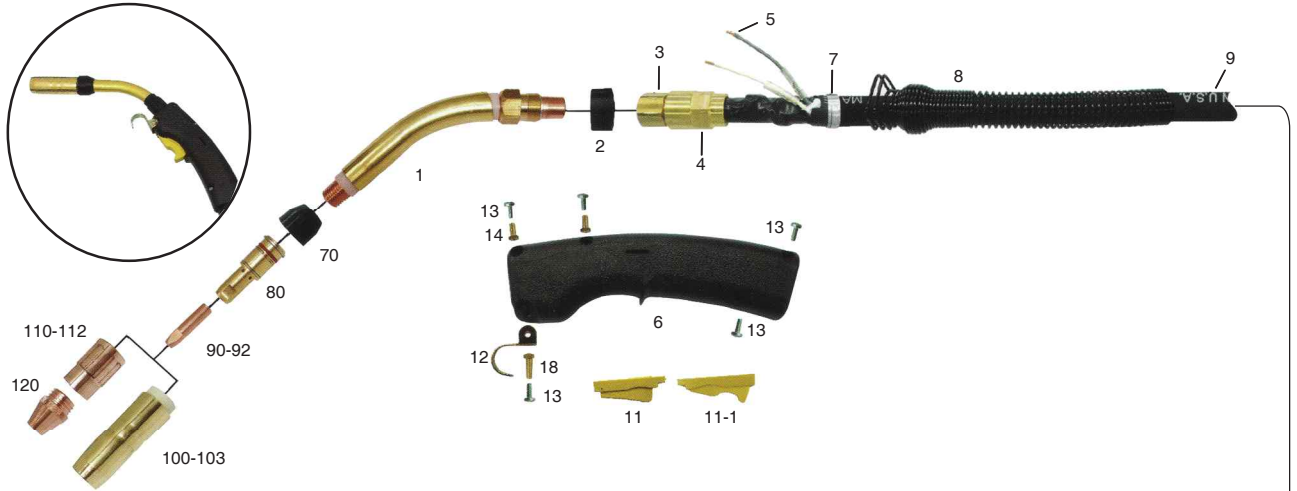
Pos.	Part No.	Description
1	TMB4790	Swan neck
2	TM1840057	Insulator for hexagonal nut
3	TM4213B	End fitting
4	TMR4305	Cone nut
5	TM175.0022	Trigger Terminal
6	TM1880198A	Handle
7	TM21.0-706R	Clamp
8	TM2520042	Spring
9	TMB-300350	Cable assembly
10	TM175.0004	Trigger connection male
11	TM5662A	Trigger switch
11-1	TM5662	Trigger switch
12	TM4238	Hanger
13	TM4209	Screw
14	TM4207	Nut
15	TMBND200A-05-1-A	Cable connector

Pos.	Part No.	Description
16	TM2520041-1	Spring
17	TM2520073-1	Housing
18	TM4207L	Nut
19	TM2520073-2	Bushing(USA)
	TM2520073-2-A	Bushing(EURO)
20	TMEA0018	Screw
21	TMBW0020	Machine Nut
22	TM5060	Euro-Quick connector assembly
23	TM43 SERIES	Liners(B0 B2)
	TM431 SERIES	Liners(B1)
A	TMAK354-B	Terminal
B	TMBND200USA-05-3	Connector for Tweco [®]
C	TMMSAK354-B	Terminal
D	TMR174-MN	Nipple for Miller [®] connection
E	TMBND400USA-05-2	Connector for Miller [®]

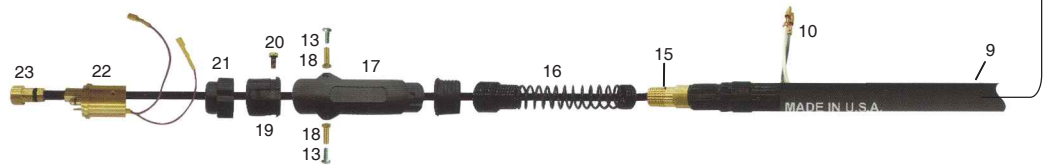


Replacement Parts Suitable For Bernard[®]

Pos.	Part NO.	Description	Wearing parts
70	TM4323R	Insulator	
80	TM4235 TM4235-116 TM4335	Gas diffuser Gas diffuser Gas diffuser	
90	TM1597 TM1588 TM1589 TM1596 TM1590 TM1598 TM1591 TM1592 TM1593 TM1594 TM1595	Contact tip .023" Contact tip .030" Contact tip .035" Contact tip .039" Contact tip .045" Contact tip .052" Contact tip .1/16" Contact tip .5/64" Contact tip .3/32" Contact tip .7/64" Contact tip .1/8"	
91	TM4284 TM4285 TM4281 TM4299 TM4282 TM4283 TM4280	Contact tip tapered .023" Contact tip tapered .030" Contact tip tapered .035" Contact tip tapered .039" Contact tip tapered .045" Contact tip tapered .052" Contact tip tapered .1/16"	
92	TM7497 TM7488 TM7489 TM7496 TM7490 TM7498 TM7491 TM7492 TM7493 TM7494 TM7495	Contact tip .023" Contact tip .030" Contact tip .035" Contact tip .039" Contact tip .045" Contact tip .052" Contact tip .1/16" Contact tip .5/64" Contact tip .3/32" Contact tip .7/64" Contact tip .039"	
100	TM4295	Brass nozzle 3/8"	
101	TM4391	Brass nozzle 5/8"	
102	TM4392	Brass nozzle 1/2"	
103	TM4393	Copper nozzle 5/8"	
104	TM4394	Copper nozzle 1/2"	
105	TM4395	Copper nozzle 3/8"	



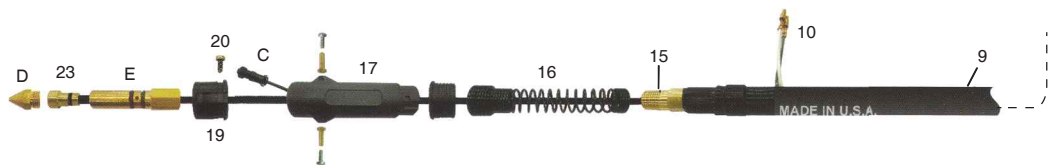
European terminal : B0-Euro



American terminal : B1-Tweco®



American terminal : B2-Miller®




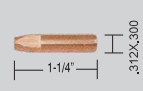




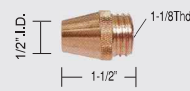
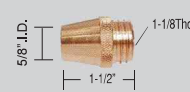

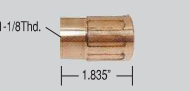


Pos.	Part No.	Description
1	TMB4794	Swan neck
2	TM1840057	Insulator for hexagonal nut
3	TM4213B	End fitting
4	TMR4305	Cone nut
5	TM175.0022	Trigger Terminal
6	TM1880198A	Handle
7	TM21.0-706R	Clamp
8	TM2520042	Spring
9	TMB-400	Cable assembly
10	TM175.0004	Trigger connection male
11	TM5662A	Trigger switch
11-1	TM5662	Trigger switch
12	TM4238	Hanger
13	TM4209	Screw
14	TM4207	Nut
15	TMBND200A-05-1-A	Cable connector




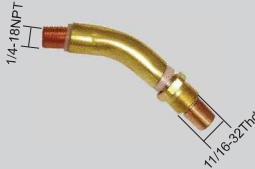

Pos.	Part No.	Description
16	TM2520041-1	Spring
17	TM2520073-1	Housing
18	TM4207L	Nut
19	TM2520073-2	Bushing(USA)
	TM2520073-2-A	Bushing(EURO)
20	TMEA0018	Screw
21	TMBW0020	Machine Nut
22	TM5060	Euro-Quick connector assembly
23	TM43 SERIES	Liners(B0 B2)
	TM431 SERIES	Liners(B1)
A	TMAK354-B	Terminal
B	TMBND200USA-05-3	Connector for Tweco®
C	TMMSAK354-B	Terminal
D	TMR174-MN	Nipple for Miller® connection
E	TMBND400USA-05-2	Connector for Miller®



Replacement Parts Suitable For Bernard[®]

Pos.	Part NO.	Description	Wearing parts
70	TM4423R	Insulator	
80	TM4435 TM4635 TM4635-116	Gas diffuser Gas diffuser Gas diffuser	
90	TM1589 TM1596 TM1590 TM1598 TM1591	Contact tip ,.035" Contact tip ,.039" Contact tip ,.045" Contact tip ,.052" Contact tip ,.116"	
92	TM7489 TM7496 TM7490 TM7498 TM7491	Contact tip tapered,.035" Contact tip tapered,.039" Contact tip tapered,.045" Contact tip tapered,.052" Contact tip tapered,.116"	
100	TM4491	Copper nozzle 3/4"	
101	TM4492	Copper nozzle 17/32"	
102	TM4591	Copper nozzle 3/4"	
103	TM4592	Copper nozzle 17/32"	
110	TM36-50	Copper nozzle 1/2"	
111	TM36-63	Copper nozzle 5/8"	
112	TM36-75	Copper nozzle 3/4"	
120	TM36	Insulator	

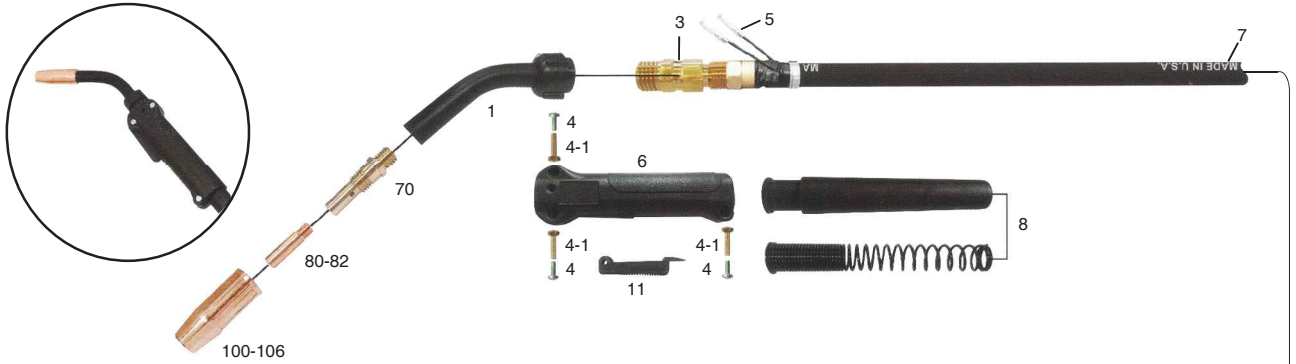
Replacement Parts Suitable For Bernard®

Part No.	Description	Sketch
TMB4786	Swan neck	
TMB4790	Swan neck	
TMB4794	Swan neck	
TMQT2-45	Conductor 45°	
TMQT2-60	Conductor 60°	



Replacement Parts Suitable For Bernard®

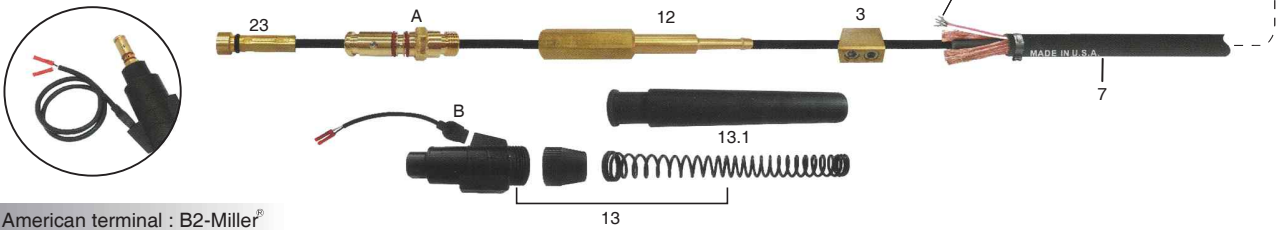
Part NO.	Description	Sketch
TMQT3-45	Conductor 45°	
TMQT3-60	Conductor 60°	
TMQT5-45	Conductor 45°	
TMQT5-60	Conductor 60°	
<p>(Use On 200 300/350 Gun)</p> <p>43010 10' Wire conduit assembly-used with .023-.030 diameter wire 43015 15' Wire conduit assembly-used with .023-.030 diameter wire 43110 10' Wire conduit assembly-used with .035-.045 diameter wire 43115 15' Wire conduit assembly-used with .035-.045 diameter wire</p>		
<p>(Use On 300/350 400 Gun)</p> <p>43215 15' Wire conduit assembly-used with .045-.062 diameter wire</p>		
<p>(Use On 400 Gun)</p> <p>44110 10' Wire conduit assembly-used with .035-.045 diameter wire 44115 15' Wire conduit assembly-used with .035-.045 diameter wire 44210 10' Wire conduit assembly-used with .045-.062 diameter wire 44215 15' Wire conduit assembly-used with .045-.062 diameter wire 44310 10' Wire conduit assembly-used with 5/64 diameter wire 44315 15' Wire conduit assembly-used with 5/64 diameter wire</p>		



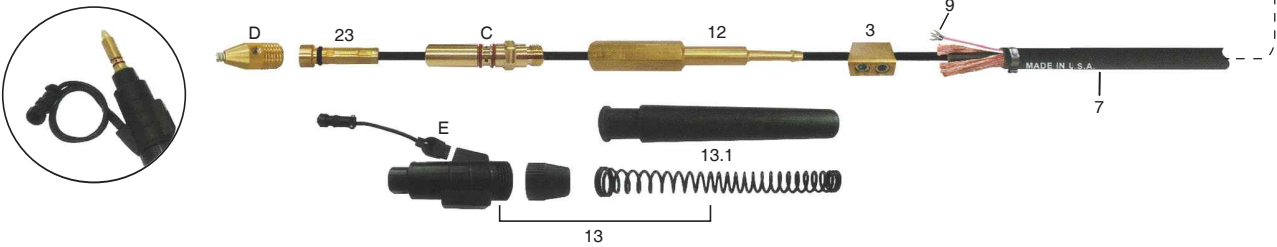
European terminal : B0-Euro



American terminal : B1-Tweco®



American terminal : B2-Miller®

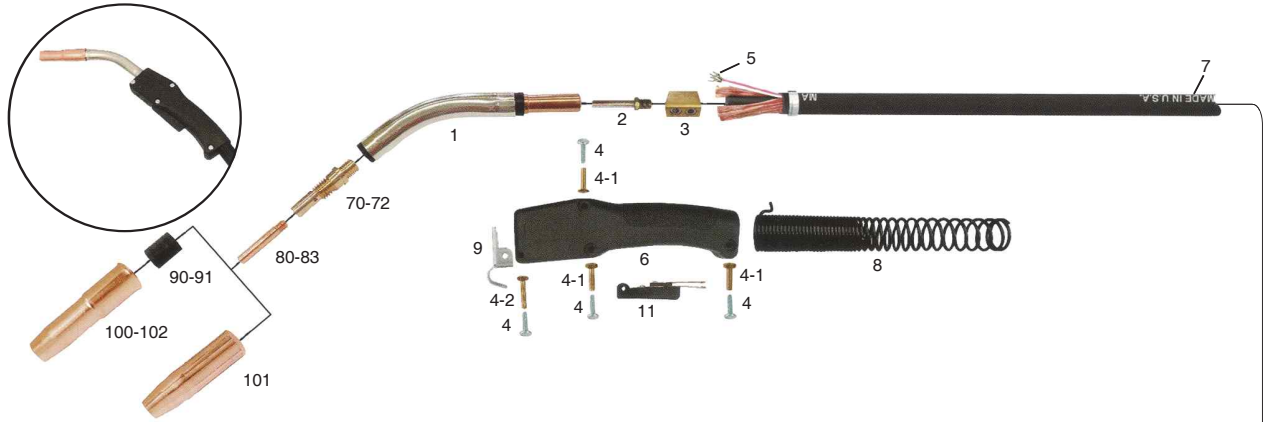


Pos.	Part No.	Description	Pos.	Part No.	Description
1	TM61-45	Conductor tube 45°	13.1	TMTWC-JT-002	Rubbert Boot
	TM61-60	Conductor tube 60°	14	TMTWC400EU-05-4-A	Cable connector
3	TM101R-1	Cable connector	15	TMTWC200EU-05-3	Nut
4	TM4209	Screw	16	TM2520041-S	Spring
4-1	TMC124FM-2	Nut	17	TM2520073-1	Housing
5	TM175.0022	Terminal	18	TM4207L	Nut
6	TM81	Handle with binder screws	19	TM2520073-2	Bushing(USA)
7	TMT-180	Cable assembly		TM2520073-2-A	Bushing(EURO)
8	TMTWC100USA-06-1	Rubber Boot	20	TMEA0018	Screw
	TMTWC100USA-06-01A	Spring	21	TMBW0020	Machine nut
9	TM244	Terminal	22	TM2545MM	Euro-Quick connector assembly
10	TM175.0004	Trigger connection male	23	TM42 SERIES	Liners
11	TM91	Trigger switch assembly	A	TM350-174H	Connector for Tweco®
12	TMTWC200USA-05-1	Connector plug	B	TMAK-354	Control cord
13	TMM6RC	Spring	C	TM350-174-MH	Connector for Miller®
		Support	D	TMR174-MIN	Nipple for Miller® connection
		Housing	E	TMMSAK-354	Control cord



Replacement Parts Suitable For Tweco®

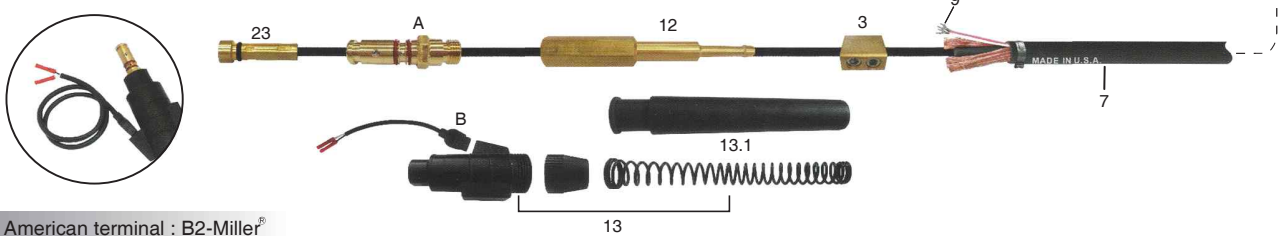
Pos.	Part NO.	Description	Wearing parts
70	TM51	Gas diffuser	
	TM51-23	Gas diffuser	
80	TM11-23	Contact tip .023"	
	TM11-30	Contact tip .030"	
	TM11-35	Contact tip .035"	
	TM11-40	Contact tip .040"	
	TM11-45	Contact tip .045"	
81	TM11H30	Contact tip .030" H.D.	
	TM11H35	Contact tip .035" H.D.	
	TM11H40	Contact tip .040" H.D.	
	TM11H45	Contact tip .045" H.D.	
	TM11AH364	Contact tip Alum H.D.3/64"	
82	TM11T23	Contact tip tapered.023"	
	TM11T30	Contact tip tapered.030"	
	TM11T35	Contact tip tapered.035"	
	TM11T40	Contact tip tapered.040"	
	TM11T45	Contact tip tapered.045"	
100	TM21-37	Nozzle 3/8"	
101	TM21-50	Nozzle 1/2"	
102	TM21-62	Nozzle 5/8"	
103	TM21T-37	Taperd nozzle 3/8"	
104	TM21-37F	Nozzle 3/8"	
105	TM21-50F	Nozzle 1/2"	
106	TM21-62F	Nozzle 5/8"	



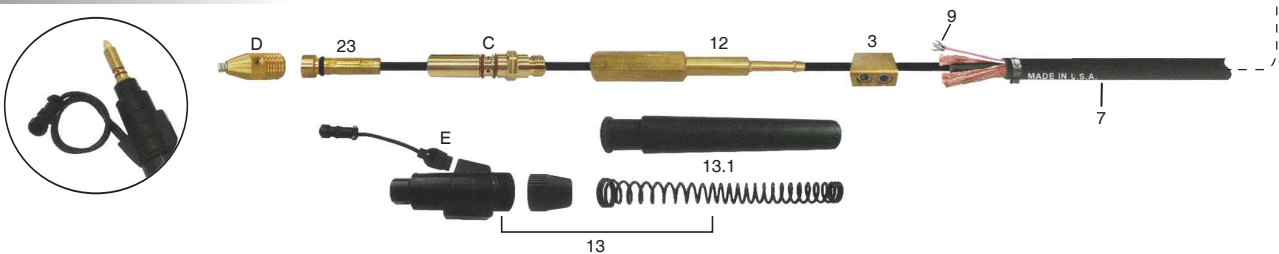
European terminal : B0-Euro



American terminal : B1-Tweco®



American terminal : B2-Miller®


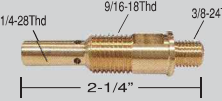



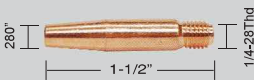




Pos.	Part No.	Description
1	TM62A45	Conductor tube 45°
	TM62A60	Conductor tube 60°
	TM62J45	Conductor tube 45°
	TM62J60	Conductor tube 60°
2	TM62N	Nipple
	TM102	Cable connector block assembly
4	TMC124FM-1S	Screw
	TMC124FM-2	Nut
4-1	TMC124FM-2	Nut
	TMC124FM-2L	Nut
5	TM244	Terminal
6	TMC83	Handle with binder screws
7	TMT-200	Cable assembly
8	TM142-6S	Spring
9	TM152	Hanger
10	TM175.0004	Trigger connection male
11	TMC92-KG	Trigger switch assembly
12	TMTWC200USA-05-1	Connector plug
	TMM6RC	Spring
13	TMM6RC	Spring
	TMM6RC	Housing

Pos.	Part No.	Description
14	TMTWC400EU-05-4-A	Cable connector
15	TMTWC200EU-05-3	Nut
16	TM2520041-S	Spring
17	TM2520073-1	Housing
18	TM4207L	Nut
18-1	TM4209	Screw
19	TM2520073-2	Bushing(USA)
	TM2520073-2-A	Bushing(EURO)
20	TMEA0018	Screw
21	TMBW0020	Machine nut
22	TM2545MM	Euro-Quick connector assembly
23	TM42 SERIES	Liners
A	TM350-174H	Connector for Tweco®
B	TMAK-354	Control cord
C	TM350-174-MH	Connector for Miller®
D	TMR174-MN	Nipple for Miller® connection
E	TMMSAK-354	Control cord



Replacement Parts Suitable For Tweco®



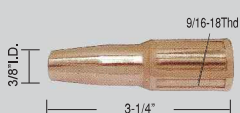








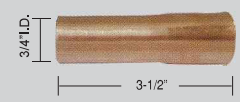




Pos.	Part NO.	Description	Wearing parts
70 71	TM52 TM52-23	Gas diffuser (used with 32 insulator)	
72	TM52FN	Gas diffuser (used with 23 serieies insulator or 34A)	
80	TM14-23 TM14-30 TM14-35 TM14-40 TM14-45 TM14A364	Contact tip .023" Contact tip .030" Contact tip .035" Contact tip .040" Contact tip .045" Contact tip 3/36	
81	TM14T23 TM14T30 TM14T35 TM14T40 TM14T45	Contact tip .023" Contact tip .030" Contact tip .035" Contact tip .040" Contact tip .045"	
82	TM14H35 TM14H40 TM14H45 TM14AH364	Contact tip .035" Contact tip .040" Contact tip .045" Contact tip 3/64"	
83	TM14HT35 TM14HT40 TM14HT45 TM14HT52	Contact tip .035" Contact tip .040" Contact tip .045" Contact tip .052"	
90	TM32	Insulator (used with adjustable nozzles)	
91	TM34A	Insulator (used with adjustable nozzles)	

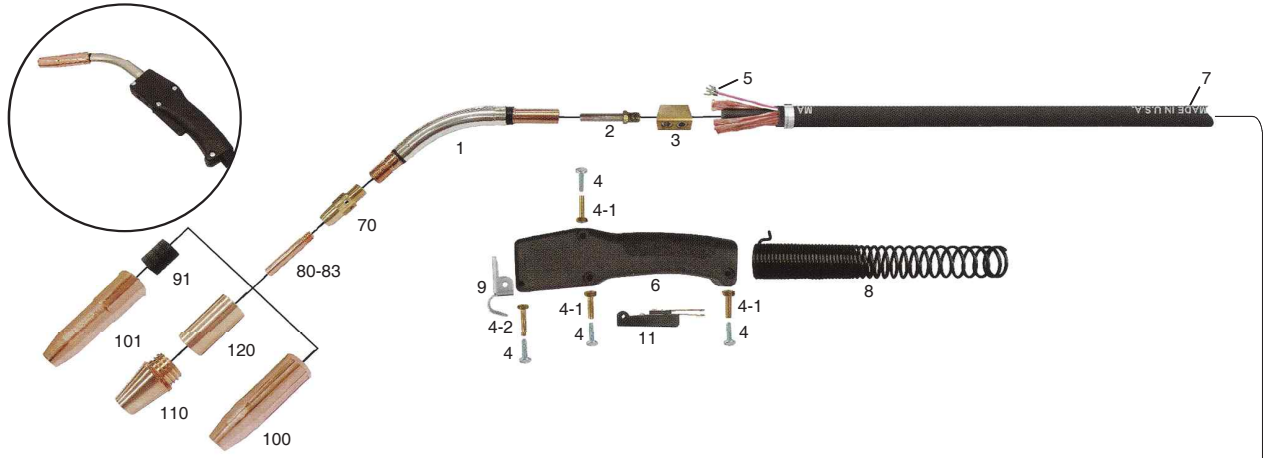
Replacement Parts Suitable For Tweco®

Pos.	Part No.	Description	Wearing parts	Pos.	Part No.	Description	Wearing parts
100	TM22-37	Nozzle 3/8" (adjustable used with 32 insulator and 52 gas diffuser)				Nozzle 1/2" (Self insulated nozzles)	
	TM22-50	Nozzle 3/8" (adjustable used with 32 insulator and 52 gas diffuser)				Nozzle 1/2" (Self insulated nozzles)	
	TM22-62	Nozzle 5/8" (adjustable used with 32 insulator and 52 gas diffuser)				Nozzle 5/8" (Self insulated nozzles)	
	TM22T-37SS	Tapered Nozzle 3/8" (short stop-adjustable used with 32 insulator and 52 gas diffuser)				Nozzle 5/8" (Self insulated nozzles)	
	TM22-37SS	Nozzle 3/8" (short stop-adjustable used with 32 insulator and 52 gas diffuser)				Nozzle 3/4" (Self insulated nozzles)	
	TM22-50SS	Nozzle 1/2" (short stop-adjustable used with 32 insulator and 52 gas diffuser)				Nozzle 3/4" (Self insulated nozzles)	
	TM22-62SS	Nozzle 5/8" (short stop-adjustable used with 32 insulator and 52 gas diffuser)				Heavy duty nozzle 1/2" (Self insulated nozzles)	
101	TM23-37	Nozzle 3/8" (Self insulated nozzles)				Heavy duty nozzle 5/8" (Self insulated nozzles)	
	TM23-37F	Nozzle 3/8" (Self insulated nozzles)					



Replacement Parts Suitable For Tweco®

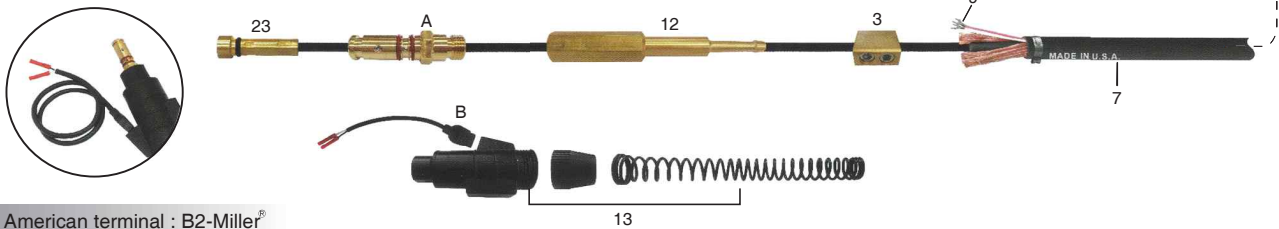
Pos.	Part No.	Description	Wearing parts	Pos.	Part No.	Description	Wearing parts
	TM23H-75	Heavy duty nozzle 3/4" (Self insulated nozzles)			TM24A-75	Nozzle 3/4" (adjustable-used with 34A insulator)	
	TM23T-37	Tapered nozzle 3/8" (Self insulated nozzles)			TM24A-75SS	Nozzle 3/4" (short stop-adjustable used with 34A insulator)	
	TM23T-37F	Tapered nozzle 3/8" (Self insulated nozzles)			TM24AH-50	Heavy duty nozzle 1/2" (heavy duty-adjustable -used with 34A insulator)	
102	TM24A-37SS	Nozzle 3/8" (short stop-adjustable used with 34A insulator)			TM24AH-62	Heavy duty nozzle 5/8" (heavy duty-adjustable -used with 34A insulator)	
	TM24A-50	Nozzle 1/2" (adjustable-used with 34A insulator)			TM24AH-62SS	Heavy duty nozzle 5/8" (short stop-heavy duty-adjustable used with 34A insulator)	
	TM24A-50SS	Nozzle 1/2" (short stop-adjustable used with 34A nozzle insulator)			TM24AH-75SS	Heavy duty nozzle 3/4" (short stop-heavy duty-adjustable used with 34A insulator)	
	TM24A-62	Nozzle 5/8" (adjustable-used with 34A insulator)			TM24AH-75	Heavy duty nozzle 3/4" (heavy duty-adjustable -used with 34A insulator)	
	TM24A-62SS	Nozzle 5/8" (short stop-adjustable used with 34A insulator)			TM24AT-37SS	Tapered nozzle 3/8" (adjustable used with 34A insulator)	



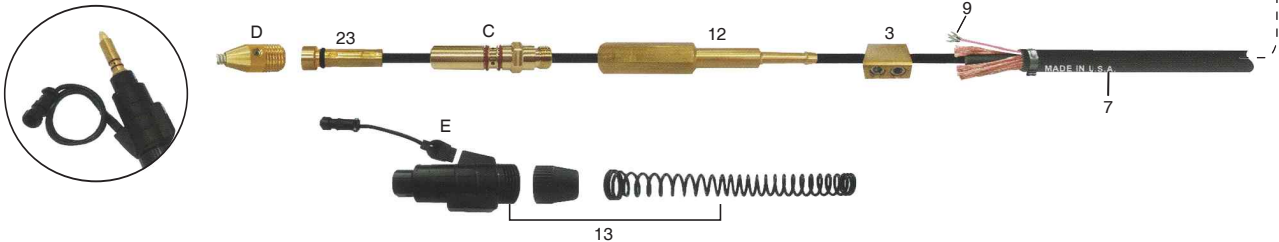
European terminal : B0-Euro



American terminal : B1-Tweco®



American terminal : B2-Miller®



Pos.	Part No.	Description
1	TM63A45	Conductor tube 45°
	TM63A60	Conductor tube 60°
	TM63J45	Conductor tube 45°
	TM63J60	Conductor tube 60°
	TM64N	Nipple
2	TM102	Cable connector block assembly
3	TMC124FM-1S	Screw
4-1	TMC124FM-2	Nut
4-2	TMC124FM-2L	Nut
5	TM244	Terminal
6	TMC83	Handle with binder screws
7	TMT-200	Cable assembly
8	TM142-6S	Spring
9	TM152	Hanger
10	TM175.0004	Trigger connection male
11	TMC92-KG	Trigger switch assembly
12	TMTWC200USA-05-1	Connector plug
13	TMM6RC	Spring Housing

Pos.	Part No.	Description
14	TMTWC400EU-05-4-A	Cable connector
15	TMTWC200EU-05-3	Nut
16	TM2520041-1	Spring
17	TM2520073-1	Housing
18	TM4207L	Nut
18-1	TM4209	Screw
19	TM2520073-2	Bushing(USA)
	TM2520073-2-A	Bushing(EURO)
20	TMEA0018	Screw
21	TMBW0020	Machine nut
22	TM2545MM	Euro-Quick connector assembly
23	TM44 SERIES	Liners
A	TM350-174H	Connector for Tweco®
B	TMAK-354	Control cord
C	TM350-174-MH	Connector for Miller®
D	TMR174-MN	Nipple for Miller® connection
E	TMMSAK-354	Control cord



Replacement Parts Suitable For Tweco®

Pos.	Part NO.	Description	Wearing parts
70	TM54A	Gas diffuser	
80	TM14-23 TM14-30 TM14-35 TM14-40 TM14-45 TM14-52 TM14-116 TM14A364 TM14A116	Contact tip .023" Contact tip .030" Contact tip .035" Contact tip .040" Contact tip .045" Contact tip .052" Contact tip 1/16" Contact tip 3/36 Contact tip 1/16"	
81	TM14T23 TM14T30 TM14T35 TM14T40 TM14T45 TM14T52 TM14T116	Contact tip .023" Contact tip .030" Contact tip .035" Contact tip .040" Contact tip .045" Contact tip .052" Contact tip .1/16"	
82	TM14H35 TM14H40 TM14H45 TM14H52 TM14H116 TM14AH364 TM14AH116	Contact tip .035" Contact tip .040" Contact tip .045" Contact tip .052" Contact tip 1/16" Contact tip 3/64" Contact tip 1/16"	
83	TM14HT35 TM14HT40 TM14HT45 TM14HT52 TM14HT116	Contact tip .035" Contact tip .040" Contact tip .045" Contact tip .052" Contact tip 1/16"	
91	TM34A	Insulator (used with adjustable nozzles)	
100	TM23-37	Nozzle 3/8" (Self insulated nozzles)	
	TM23-37F	Nozzle 3/8" (Self insulated nozzles)	

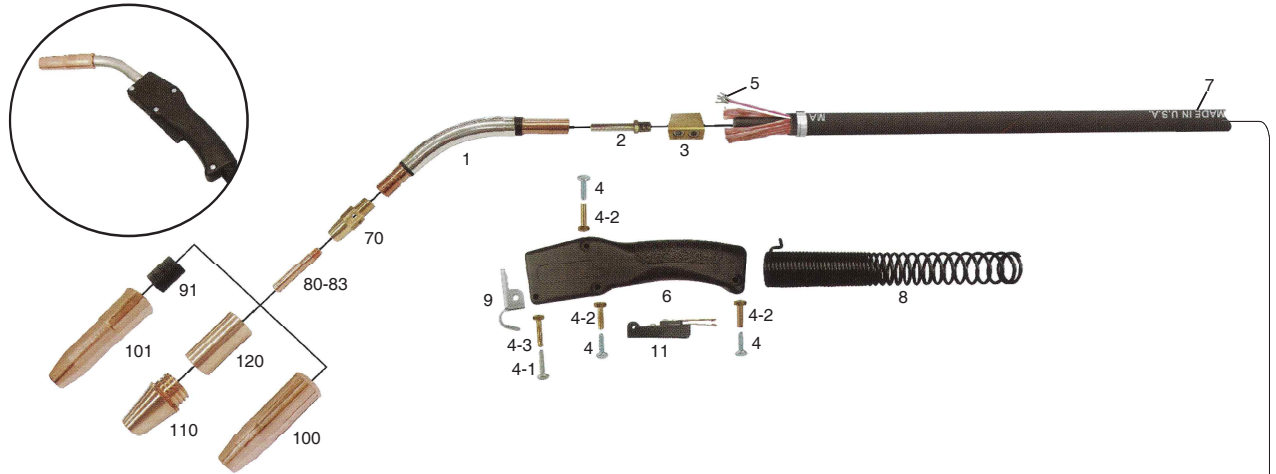
Replacement Parts Suitable For Tweco®

Pos.	Part No.	Description	Wearing parts	Pos.	Part No.	Description	Wearing parts
	TM23-50	Nozzle 1/2" (Self insulated nozzles)			TM23T-37F	Taperd Nozzle 3/8" (Self insulated nozzles)	
	TM23-50F	Nozzle 1/2" (Self insulated nozzles)		101	TM24A-37SS	Nozzle 3/8" (short stop-adjustable used with 34A insulator)	
	TM23-62	Nozzle 5/8" (Self insulated nozzles)			TM24A-50	Nozzle 1/2" (adjustable-used with 34A insulator)	
	TM23-62F	Nozzle 5/8" (Self insulated nozzles)			TM24A-50SS	Nozzle 1/2" (short stop-adjustable used with 34A nozzle insulator)	
	TM23-75	Nozzle 3/4" (Self insulated nozzles)			TM24A-62	Nozzle 5/8" (adjustable-used with 34A insulator)	
	TM23-75F	Nozzle 3/4" (Self insulated nozzles)			TM24A-62SS	Nozzle 5/8" (short stop-adjustable used with 34A insulator)	
	TM23H-50	Heavy duty nozzle 1/2" (Self insulated nozzles)			TM24A-75	Nozzle 3/4" (adjustable-used with 34A insulator)	
	TM23H-62	Heavy duty nozzle 5/8" (Self insulated nozzles)			TM24A-75SS	Nozzle 3/4" (short stop-adjustable used with 34A insulator)	
	TM23H-75	Heavy duty nozzle 3/4" (Self insulated nozzles)			TM24AH-50	Heavy duty nozzle 1/2" (heavy duty-adjustable -used with 34A insulator)	
	TM23T-37	Tapered nozzle 3/8" (Self insulated nozzles)			TM24AH-62	Heavy duty nozzle 5/8" (heavy duty-adjustable -used with 34A insulator)	



Replacement Parts Suitable For Tweco®

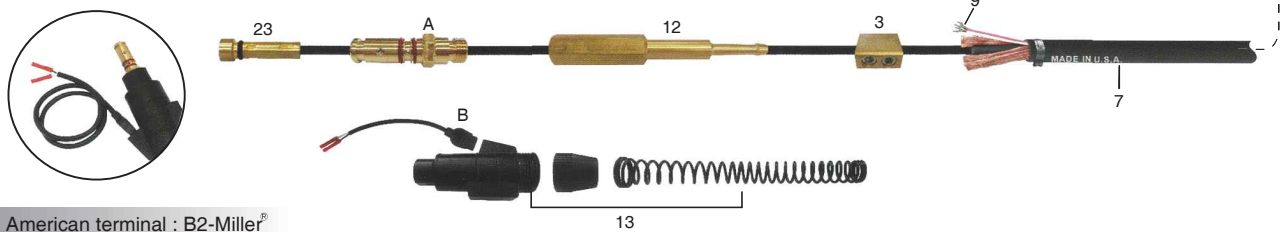
Pos.	Part No.	Description	Wearing parts	Pos.	Part No.	Description	Wearing parts
	TM24AH-62SS	Heavy duty nozzle 5/8" (short stop-heavy duty-adjustable used with 34A insulator)			TM24CT-75F	Nozzle 3/4" (coarse thread fixed nozzle-used with 34CT insulator)	
	TM24AH-75SS	Heavy duty nozzle 3/4" (short stop-heavy duty-adjustable used with 34A insulator)			TM24CT-75R	Nozzle 3/4" (coarse thread fixed nozzle-used with 34CT insulator)	
	TM24AH-75	Heavy duty nozzle 3/4" (heavy duty-adjustable used with 34A insulator)			TM24CT-75S	Nozzle 3/4" (coarse thread fixed nozzle-used with 34CT insulator)	
	TM24AT-37SS	Tapered nozzle 3/8" (adjustable used with 34A insulator)			TM24FN-50S	Nozzle 1/2" (coarse thread fixed nozzle-used with 34FN insulator)	
110	TM24CT-37S	Nozzle 3/8" (coarse thread fixed nozzle-used with 34CT insulator)			TM24FN-62F	Nozzle 5/8" (coarse thread fixed nozzle-used with 34FN nozzle insulator)	
	TM24CT-50F	Nozzle 1/2" (coarse thread fixed nozzle-used with 34CT insulator)			TM24FN-62R	Nozzle 5/8" (coarse thread fixed nozzle-used with 34FN nozzle insulator)	
	TM24CT-50S	Nozzle 1/2" (coarse thread fixed nozzle-used with 34CT insulator)			TM24FN-62S	Nozzle 5/8" (coarse thread fixed nozzle-used with 34FN nozzle insulator)	
	TM24CT-62F	Nozzle 5/8" (coarse thread fixed nozzle-used with 34CT insulator)			TM24FN-75S	Nozzle 3/4" (coarse thread fixed nozzle-used with 34FN nozzle insulator)	
	TM24CT-62R	Nozzle 5/8" (coarse thread fixed nozzle-used with 34CT insulator)		120	TM34CT	insulator	
	TM24CT-62S	Nozzle 5/8" (coarse thread fixed nozzle-used with 34CT insulator)			TM34FN	insulator	



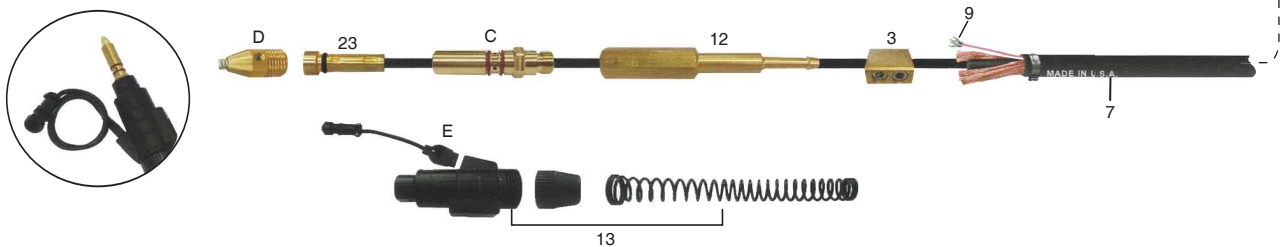
European terminal : B0-Euro



American terminal : B1-Tweco®



American terminal : B2-Miller®

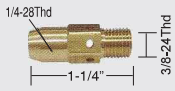


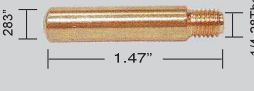



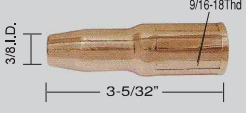


Pos.	Part No.	Description
1	TM64A45	Conductor tube 45°
	TM64A60	Conductor tube 60°
	TM64J45	Conductor tube 45°
	TM64J60	Conductor tube 60°
2	TM64N	Nipple
3	TM104	Cable connector block assembly
4	TMC124FM-1S	Screw
4-1	TMC124FM-1L	Screw
4-2	TMC124FM-2	Nut
4-3	TMC124FM-2L	Nut
5	TM244	Terminal
6	TMC84A	Handle with binder screws
7	TMT-200	Cable assembly
8	TM144-6S	Spring
9	TM154	Hanger
10	TM175.0004	Trigger connection male
11	TMC92-KG	Trigger switch assembly
12	TMTWC400USA-05-1	Connector plug
13	TMM6RC	Spring

Pos.	Part No.	Description
7	TMTWC400USA-05-1	Connector plug
	TMTWC400USA-05-2	Connector plug
14	TMTWC400EU-05-4-A	Cable connector
15	TMTWC200EU-05-3	Nut
16	TM2520041-1	Spring
17	TM2520073-1	Housing
18	TM4207L	Nut
18-1	TM4209	Screw
19	TM2520073-2	Bushing(USA)
	TM2520073-2-A	Bushing(EURO)
20	TMEA0018	Screw
21	TMBW0020	Machine nut
22	TM2545MM	Euro-Quick connector assembly
23	TM44 SERIES	Liners
A	TM350-174H	Connector for Tweco®
B	TMAK-354	Control cord
C	TM350-174-MH	Connector for Miller®
D	TMR174-MN	Nipple for Miller® connection
E	TMMSAK-354	Control cord



Replacement Parts Suitable For Tweco®

Pos.	Part NO.	Description	Wearing parts
70	TM54A	Gas diffuser	
80	TM14-23 TM14-30 TM14-35 TM14-40 TM14-45 TM14-52 TM14-116 TM14A364 TM14A116	Contact tip .023" Contact tip .030" Contact tip .035" Contact tip .040" Contact tip .045" Contact tip .052" Contact tip 1/16" Contact tip 3/36 Contact tip 1/16"	
81	TM14T23 TM14T30 TM14T35 TM14T40 TM14T45 TM14T52 TM14T116	Contact tip .023" Contact tip .030" Contact tip .035" Contact tip .040" Contact tip .045" Contact tip .052" Contact tip .1/16"	
82	TM14H35 TM14H40 TM14H45 TM14H52 TM14H116 TM14AH364 TM14AH116	Contact tip .035" Contact tip .040" Contact tip .045" Contact tip .052" Contact tip 1/16" Contact tip 3/64" Contact tip 1/16"	
83	TM14HT35 TM14HT40 TM14HT45 TM14HT52 TM14HT116	Contact tip .035" Contact tip .040" Contact tip .045" Contact tip .052" Contact tip 1/16"	
91	TM34A	Insulator (used with adjustable nozzles)	
100	TM23-37	Nozzle 3/8" (Self insulated nozzles)	
	TM23-37F	Nozzle 3/8" (Self insulated nozzles)	

Replacement Parts Suitable For Tweco®

Pos.	Part No.	Description	Wearing parts	Pos.	Part No.	Description	Wearing parts
	TM23-50	Nozzle 1/2" (Self insulated nozzles)			TM23T-37F	Taperd Nozzle 3/8" (Self insulated nozzles)	
	TM23-50F	Nozzle 1/2" (Self insulated nozzles)		101	TM24A-37SS	Nozzle 3/8" (short stop-adjustable used with 34A insulator)	
	TM23-62	Nozzle 5/8" (Self insulated nozzles)			TM24A-50	Nozzle 1/2" (adjustable-used with 34A insulator)	
	TM23-62F	Nozzle 5/8" (Self insulated nozzles)			TM24A-50SS	Nozzle 1/2" (short stop-adjustable used with 34A nozzle insulator)	
	TM23-75	Nozzle 3/4" (Self insulated nozzles)			TM24A-62	Nozzle 5/8" (adjustable-used with 34A insulator)	
	TM23-75F	Nozzle 3/4" (Self insulated nozzles)			TM24A-62SS	Nozzle 5/8" (short stop-adjustable used with 34A insulator)	
	TM23H-50	Heavy duty nozzle 1/2" (Self insulated nozzles)			TM24A-75	Nozzle 3/4" (adjustable-used with 34A insulator)	
	TM23H-62	Heavy duty nozzle 5/8" (Self insulated nozzles)			TM24A-75SS	Nozzle 3/4" (short stop-adjustable used with 34A insulator)	
	TM23H-75	Heavy duty nozzle 3/4" (Self insulated nozzles)			TM24AH-50	Heavy duty nozzle 1/2" (heavy duty-adjustable -used with 34A insulator)	
	TM23T-37	Tapered nozzle 3/8" (Self insulated nozzles)			TM24AH-62	Heavy duty nozzle 5/8" (heavy duty-adjustable -used with 34A insulator)	



Replacement Parts Suitable For Tweco®

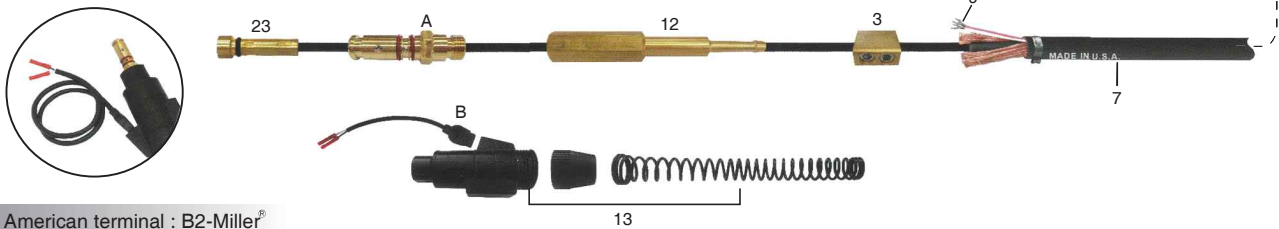
Pos.	Part No.	Description	Wearing parts	Pos.	Part No.	Description	Wearing parts
	TM24AH-62SS	Heavy duty nozzle 5/8" (short stop-heavy duty-adjustable used with 34A insulator)			TM24CT-75F	Nozzle 3/4" (coarse thread fixed nozzle-used with 34CT insulator)	
	TM24AH-75SS	Heavy duty nozzle 3/4" (short stop-heavy duty-adjustable used with 34A insulator)			TM24CT-75R	Nozzle 3/4" (coarse thread fixed nozzle-used with 34CT insulator)	
	TM24AH-75	Heavy duty nozzle 3/4" (heavy duty-adjustable used with 34A insulator)			TM24CT-75S	Nozzle 3/4" (coarse thread fixed nozzle-used with 34CT insulator)	
	TM24AT-37SS	Tapered nozzle 3/8" (adjustable used with 34A insulator)			TM24FN-50S	Nozzle 1/2" (coarse thread fixed nozzle-used with 34FN insulator)	
110	TM24CT-37S	Nozzle 3/8" (coarse thread fixed nozzle-used with 34CT insulator)			TM24FN-62F	Nozzle 5/8" (coarse thread fixed nozzle-used with 34FN nozzle insulator)	
	TM24CT-50F	Nozzle 1/2" (coarse thread fixed nozzle-used with 34CT insulator)			TM24FN-62R	Nozzle 5/8" (coarse thread fixed nozzle-used with 34FN nozzle insulator)	
	TM24CT-50S	Nozzle 1/2" (coarse thread fixed nozzle-used with 34CT insulator)			TM24FN-62S	Nozzle 5/8" (coarse thread fixed nozzle-used with 34FN nozzle insulator)	
	TM24CT-62F	Nozzle 5/8" (coarse thread fixed nozzle-used with 34CT insulator)			TM24FN-75S	Nozzle 3/4" (coarse thread fixed nozzle-used with 34FN nozzle insulator)	
	TM24CT-62R	Nozzle 5/8" (coarse thread fixed nozzle-used with 34CT insulator)		120	TM34CT	insulator	
	TM24CT-62S	Nozzle 5/8" (coarse thread fixed nozzle-used with 34CT insulator)			TM34FN	insulator	



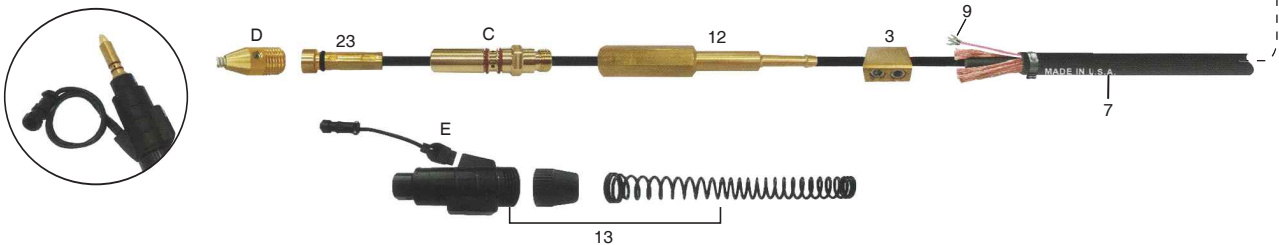
European terminal : B0-Euro



American terminal : B1-Tweco®



American terminal : B2-Miller®



Pos.	Part No.	Description	Pos.	Part No.	Description
1	TM65A45	Conductor tube 45°			Housing
	TM65A60	Conductor tube 60°			Screw
	TM65J45	Conductor tube 45°	14	TMTWC400EU-05-4-A	Cable connector
	TM65J60	Conductor tube 60°	15	TMTWC200EU-05-3	Nut
2	TM65N	Nipple	16	TM2520041-1	Spring
3	TM104	Cable connector block assembly	17	TM2520073-1	Housing
4	TMPX124FM-1S	Screw	18	TM4207L	Nut
4-1	TMPX124FM-1L	Screw	18-1	TM4209	Screw
4-2	TMPX124FM-2	Nut	19	TM2520073-2	Bushing(USA)
4-3	TMPX124FM-2L	Nut		TM2520073-2-A	Bushing(EURO)
5	TM244	Ternimal	20	TMEA0018	Screw
6	TMPX85	Handle with binder screws	21	TMBW0020	Machine nut
7	TMT-500	Cable assembly	22	TM2545MM	Euro-Quick connector assembly
8	TM145-6S	Spring	23	TM44 SERIES	Liners
9	TM155	Hanger	A	TM350-175H	Connector for Tweco®
10	TM175.0004	Trigger connection male	B	TMAK-354	Control cord
11	TMPX94R-KG	Trigger switch assembly	C	TM350-175-MH	Connector for Miller®
12	TMTWC500USA-05-1	Connector plug	D	TMR175-MN	Nipple for Miller® connection
13	TMM6RC	Spring	E	TMMSAK-354	Control cord



Replacement Parts Suitable For Tweco®

Pos.	Part NO.	Description	Wearing parts
70	TM55	Gas diffuser	
71	TM55SW	Gas diffuser	
72	TM55H	Gas diffuser	
80	TM15H35 TM15H45 TM15H52 TM15H116 TM15H564 TM15H332 TM15H764 TM15H18 TM15AH364 TM15AH116	Contact tip H.D..035" Contact tip H.D..045" Contact tip H.D..052" Contact tip H.D.1/16" Contact tip H.D.5/64" Contact tip H.D.3/32" Contact tip H.D.7/64" Contact tip H.D.1/8" Contact tip AlumH.D.3/64" Contact tip AlumH.D.1/16"	
81	TM15HFC35 TM15HFC45 TM15HFC52 TM15HFC116 TM15HFC564 TM15HFC332 TM15HFC764 TM15HFC18 TM15AHFC364 TM15AHFC116	Contact tip .035" Contact tip .045" Contact tip .052" Contact tip 1/16" Contact tip 5/64" Contact tip 3/32" Contact tip 7/64" Contact tip 1/8" Contact tip Alum3/64" Contact tip Alum1/16"	
110	TM25CT-50	Nozzle 1/2" (coarse thread fixed nozzle-used with 35CT nozzle insulator)	
111	TM25CT-62	Nozzle 1/2" (coarse thread fixed nozzle-used with 35CT nozzle insulator)	
112	TM25CT-75	Nozzle 3/4" (coarse thread fixed nozzle-used with 35CT nozzle insulator)	
120	TM35CT	Insulator (used with coarse thread nozzles)	

Replacement Parts Suitable For Tweco®





Part No.	Description	Sketch
TM62N	Nipple	
TM64N	Nipple	
TM65N	Nipple	
TM61-45 TM61-60	Conductor tube 45° Conductor tube 60°	
TM62A45	Conductor tube 45°	
TM62A60	Conductor tube 60°	
TM62J45	Jacketed Conductor tube 45°	



Replacement Parts Suitable For Tweco[®]

Part NO.	Description	Sketch
TM62J60	Jacketed Conductor tube 60°	
TM63A45	Conductor tube 45°	
TM63A60	Conductor tube 60°	
TM63J45	Jacketed Conductor tube 45°	
TM63J60	Jacketed Conductor tube 60°	
TM64A45	Conductor tube 45°	
TM64A60	Conductor tube 60°	

Replacement Parts Suitable For Tweco®

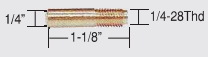




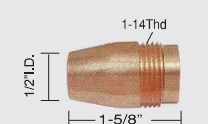
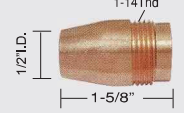
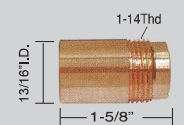
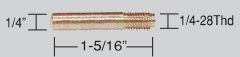
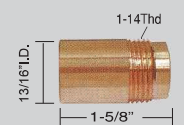

Part No.	Description	Sketch
TM64J45	Jacketed Conductor tube 45°	
TM64J60	Jacketed Conductor tube 60°	
TM65A45	Conductor tube 45°	
TM65A60	Conductor tube 60°	
TM65J45	Jacketed Conductor tube 45°	
TM65J60	Jacketed Conductor tube 60°	



Replacement Parts Suitable For Tweco®

Part NO.	Description	Sketch
TM23-40-15 TM35-40-15 TM45-40-15	15' Mini mig liner-used with .023 diameter wire 15' Mini mig liner-used with .030-.035 diameter wire 15' Mini mig liner-used with .040-.045 diameter wire	
TM42-23-15 TM42-3035-15 TM42-4045-15 TM42-116-15 TM42N3545-15 TM42-3035-25 TM42-4045-25 TM42-116-25	15' wire conduit assembly-used with .023 diameter wire 15' wire conduit assembly-used with .030-.035 diameter wire 15' wire conduit assembly-used with .040-.045 diameter wire 15' wire conduit assembly-used with .052-1/16" diameter wire 15' wire conduit assembly-used with .035-3/64" diameter aluminum wire nylon 25' wire conduit assembly-used with .030-.035 diameter wire 25' wire conduit assembly-used with .040-.045 diameter wire 25' wire conduit assembly-used with .052-1/16" diameter wire	
TM44-3545-15 TM44-116-15 TM44-564-15 TM44-332-15 TM44N3545-15 TM44N-116-15 TM44-3545-25 TM44-116-25 TM44-564-25	15' wire conduit assembly-used with .030-.045 diameter wire 15' wire conduit assembly-used with 1/16" diameter wire 15' wire conduit assembly-used with 5/64" diameter wire 15' wire conduit assembly-used with 3/32" diameter wire 15' wire conduit assembly-used with .035-3/64" diameter aluminum wire 15' wire conduit assembly-used with 1/16" diameter aluminum wire 25' wire conduit assembly-used with .035-.045 diameter wire 25' wire conduit assembly-used with 1/16" diameter wire 25' wire conduit assembly-used with 5/64" diameter wire	
TM45-3545-15 TM45-116-15 TM45-564-15 TM45-3545-25 TM45-116-25 TM45-564-25	15' wire conduit assembly-used with .030-.045 diameter wire use with 55SW gas diffuser 15' wire conduit assembly-used with 1/16" diameter wire use with 55SW gas diffuser 15' wire conduit assembly-used with 5/64" diameter wire use with 55 gas diffuser 25' wire conduit assembly-used with .035-.045 diameter wire use with 55SW gas diffuser 25' wire conduit assembly-used with 1/16" diameter wire use with 55SW gas diffuser 25' wire conduit assembly-used with 5/64" diameter wire use with 55SW gas diffuser	

Replacement Parts Suitable For Miller®


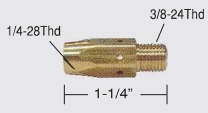
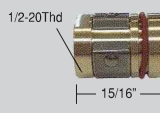
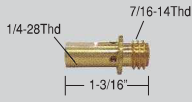
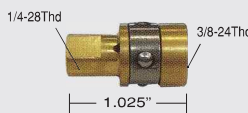
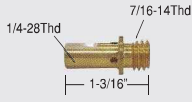


Part No.	Description	Sketch	Part No.	Description	Sketch					
TM087299	Contact tip .023"-.025"		TM047-957	Nozzle 5/8"						
TM000067	Contact tip .030"			TM047-959	Nozzle 17/32"					
TM000068	Contact tip .035"				TM049098	Nozzle 7/16"				
TM000069	Contact tip .045"					TM049099	Nozzle 1/2"			
TM172034	Contact tip 3/64"						TM050115	Nozzle 1/2"		
TM044392	Contact tip .052"							TM050116	Nozzle 13/16"	
TM172024	Contact tip 1/16"									
TM172025	Contact tip 5/64"									
TM087300	Contact tip .023"-.025"									
TM071825	Contact tip .030"									
TM054202	Contact tip .035"									
TM054201	Contact tip .045"									
TM044006	Contact tip .052"									
TM047566	Contact tip 1/16"									
TM047565	Contact tip 5/64"									
TM176797	Contact tip .030"									
TM176793	Contact tip .035"									
TM176794	Contact tip .045"									
TM136171	Contact tip .025"S									
TM135427	Contact tip .030"S									
TM135428	Contact tip .030"A									
TM135044	Contact tip .035"S									
TM147314	Contact tip .035"S									
TM135430	Contact tip .035"A									
TM135429	Contact tip .045"S									
TM135424	Contact tip .047"A									
TM135426	Contact tip .062"S									
TM135425	Contact tip .062"A									



Replacement Parts Suitable For Miller®

Part No.	Description	Sketch	Part No.	Description	Sketch
TM050622	Nozzle 5/8"		TM169724	Nozzle 1/2" 1/8" recessed	
TM149146	Nozzle 5/8"		TM169725	Nozzle 5/8" 1/8" recessed	
TM149147	Tapered nozzle 7/16"		TM169726	Nozzle 5/8" flush	
TM149148	Nozzle 1/2"		TM169727	Nozzle 5/8" 1/8 stickout	
TM049929	Nozzle 5/8"		TM200258	Nozzle 1/2" Flush	
TM169715	Nozzle 1/2" Flush		TM176243	Nozzle 3/8" Tapered copper	

Replacement Parts Suitable For Miller®



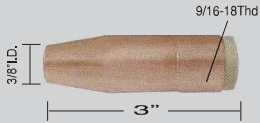









Part No.	Description	Sketch	Part No.	Description	Sketch
TM178386	Nozzle 11/32" tapered brass 1/8" recessed		TM169728	Tip adapter	
TM169729	Shock washer		TM146425	Tip adapter .030\"-.045"	
TM169716	Tip adapter		TM146426	Tip adapter .023\"-.025"	
TM169717	Shock washer		TM169718	Gooseneck (used on M10 gun)	



Replacement Parts Suitable For Tregaskiss®

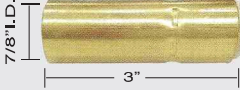
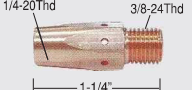
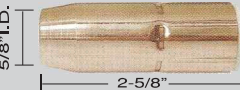
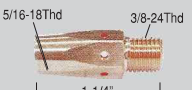

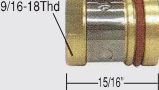




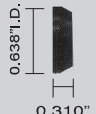


Part No.	Description	Sketch	Part No.	Description	Sketch
TM403-23	Contact tip,.023"		TM401-4-38	Std.nozzle 3/8"	
TM403-30	Contact tip,.030"				
TM403-35	Contact tip,.035"				
TM403-45	Contact tip,.045"				
TM403-52	Contact tip,.052"				
TM403-116	Contact tip, 1/16"				
TM403-1-30	H.D.Contact tip,.030"		TM401-4-50	Std.nozzle 1/2"	
TM403-1-35	H.D.Contact tip,.035"				
TM403-1-40	H.D.Contact tip,.040"				
TM403-1-45	H.D.Contact tip,.045"				
TM403-1-364	H.D.Contact tip, 3/64"				
TM403-1-52	H.D.Contact tip,.052"				
TM403-1-116	H.D.Contact tip, 1/16"				
TM403-1-564	H.D.Contact tip, 5/64"				
TM403-1-332	H.D.Contact tip, 3/32"				
TM403-2-23	Tapered tip,.023"		TM401-4-62	Std.nozzle 5/8"	
TM403-2-30	Tapered tip,.030"				
TM403-2-35	Tapered tip,.035"				
TM403-2-45	Tapered tip,.045"				
TM403-2-52	Tapered tip,.052"				
TM403-3-30	H.D. Tapered tip,.023"		TM401-4-75	Std.nozzle 3/4"	
TM403-3-35	H.D. Tapered tip,.030"				
TM403-3-40	H.D. Tapered tip,.035"				
TM403-3-45	H.D. Tapered tip,.045"				
TM403-3-52	H.D. Tapered tip,.052"				
TM403-3-116	H.D. Tapered tip, 1/16"				
			TM401-14-50	Nozzle 1/2"	
			TM401-42-50	Std.nozzle 1/2"	

Replacement Parts Suitable For Tregaskiss®


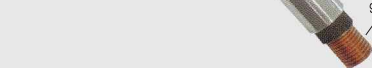



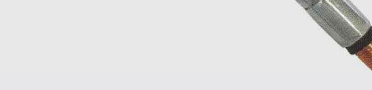
Part No.	Description	Sketch	Part No.	Description	Sketch
TM401-44-62	Nozzle 5/8"		TM401-5-62	H.D. nozzle 5/8"	
TM401-46-38	Nozzle 3/8"		TM401-5-75	Std. nozzle 3/4"	
TM401-46-50	Nozzle 1/2"		TM401-6-50	H.D. nozzle 3/8"	
TM401-46-62	Nozzle 5/8"		TM401-6-62	H.D. nozzle 5/8"	
TM401-46-75	Nozzle 3/4"		TM401-6-75	H.D. nozzle 3/4"	
TM401-48-50	Nozzle 1/2"		TM401-7-62	Nozzle 5/8"	



Replacement Parts Suitable For Tregaskiss®

Part No.	Description	Sketch	Part No.	Description	Sketch
TM401-7-87	Nozzle 7/8"		TM404	Standard gas diffuser	
TM401-8-62	Nozzle 5/8"		TM404-1	H.D. gas diffuser	
TM151-1-38	Nozzle 3/8"		TM402-3	Nozzle retainer	
TM151-1-50	Nozzle 1/2"		TM404-3	H.D. Retaining head	
TM151-1-62	Nozzle 5/8"		TM404-13	H.D. Retaining head w/set screw	
TM402-2	Nozzle 3/8"		TM404-30	H.D. Retaining head	
TM402-5	H.D. shock washer				

Replacement Parts Suitable For Tregaskiss®

Part No.	Description	Sketch
TM305-45	Gooseneck 45°	 <p>9/16-18Thd 3/8-24Thd</p>
TM305-60	Gooseneck 60°	 <p>9/16-18Thd</p>
TM405-45	Gooseneck 45°	 <p>9/16-18Thd 3/8-24Thd</p>
TM405-60	Gooseneck 60°	 <p>9/16-18Thd</p>
TM505-45	Gooseneck 45°	 <p>9/16-18Thd 3/8-24Thd</p>
TM505-60	Gooseneck 60°	 <p>9/16-18Thd</p>

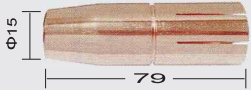
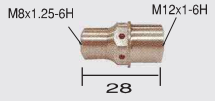

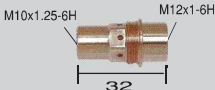








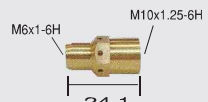



Replacement Parts Suitable For Fronius®

Part No.	Description	Sketch
TM42.0001.1576	Contact tip 0.8mm	
TM42.0001.3277	Contact tip 0.9mm	
TM42.0001.1577	Contact tip 1.0mm	
TM42.0001.1578	Contact tip 1.2mm	
TM42.0001.1930	Contact tip 1.4mm	
TM42.0001.1579	Contact tip 1.6mm	
TM42.0001.2314	Contact tip 1.8mm	
TM42.0001.1662	Contact tip 2.0mm	
TM42.0001.1663	Contact tip 2.4mm	
TM42.0001.1664	Contact tip 2.8mm	
TM42.0001.5413	Contact tip 3.2mm	
TM42.0001.5405	Contact tip 0.9mm	
TM42.0001.5057	Contact tip 1.0mm	
TM42.0001.5289	Contact tip 1.0mm	
TM42.0001.5058	Contact tip 1.2mm	
TM42.0001.5005	Contact tip 1.2mm	
TM42.0001.5059	Contact tip 1.4mm	
TM42.0001.5060	Contact tip 1.6mm	
TM42.0001.5061	Contact tip 1.8mm	
TM42.0001.2911	Contact tip 0.8mm	
TM42.0001.3082	Contact tip 0.9mm	
TM42.0001.2912	Contact tip 1.0mm	
TM42.0001.2913	Contact tip 1.2mm	
TM42.0001.5082	Contact tip 0.8mm	
TM42.0001.5051	Contact tip 1.0mm	
TM42.0001.5052	Contact tip 1.2mm	
TM42.0001.5053	Contact tip 1.4mm	
TM42.0001.3485	Contact tip 1.6mm	
TM42.0001.0052	Contact tip 0.6mm	
TM42.0001.0053	Contact tip 0.8mm	
TM42.0001.3272	Contact tip 0.9mm	
TM42.0001.0054	Contact tip 1.0mm	
TM42.0001.0055	Contact tip 1.2mm	
TM42.0001.1929	Contact tip 1.4mm	
TM42.0001.0056	Contact tip 1.6mm	
TM42.0001.1373	Contact tip 0.8mm	
TM42.0001.1391	Contact tip 1.0mm	
TM42.0001.1392	Contact tip 1.2mm	
TM42.0001.1393	Contact tip 1.6mm	
TM42.0001.5172	Nozzle Φ17	
TM42.0001.5173	Nozzle Φ12	

Part No.	Description	Sketch
TM42.0001.5174	Nozzle Φ12	
TM42.0001.6010	Nozzle Φ12	
TM42.0001.5151	Nozzle Φ11	
TM42.0001.5269	Nozzle Φ15	
TM42.0001.5619	Nozzle Φ13	
TM42.0001.5821	Nozzle Φ17	
TM42.0001.5128	Nozzle Φ17	

Replacement Parts Suitable For Fronius®

Part No.	Description	Sketch	Part No.	Description	Sketch
TM42.0001.5129	Nozzle $\Phi 15$		TM42.0001.5084	Tip Holder	
TM42.0001.5607	Nozzle $\Phi 17$		TM42.0001.5122	Tip Holder	
TM42.0001.5127	Nozzle $\Phi 20$		TM42.0100.1007	Gas diffuser	
TM42.0001.5096	Nozzle $\Phi 13$		TM42.0100.0174	Gas diffuser	
TM42.0001.5130	Nozzle $\Phi 17$		TM42.0001.5171	Spring	
TM44.0350.0660	Nozzle $\Phi 13.5$		TM42.0001.2930	Spring	
TM42.0001.1718	Tip Holder		TM42.0001.2970	Spring	



Replacement Parts Suitable For Fronius[®]

Part No.	Description	Sketch	Part No.	Description	Sketch
TM42.0100.0225	Insulator		TM34.0350.1812	Gooseneck	
TM42.0100.1014	Insulator		TM34.0350.1822	Gooseneck	
TM42.0100.1018	Insulator		TM34.0350.1820	Gooseneck	
TM42.0100.1010	Insulator		TM34.0350.1875	Gooseneck	
TM42.0100.1016	Insulator		TM34.0350.0871	Gooseneck	
TM34.0350.1875	Gooseneck		TM34.0350.0871	Gooseneck	
TM34.0350.1876	Gooseneck		TM34.0350.1857	Gooseneck	
TM34.0350.1771	Gooseneck		TM34.0350.1859	Gooseneck	